

*This topographic map is courtesy of the 2013 United States Geological Survey (USGS) topographic mapping.

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PROJECT NO. 10642.EB

SHEET: FIGURE 1

FIGURE 1

OVERVIEW MAP

Seaford Town Gas Site (DE-0069) Conceptual Site Model & Sampling Analysis Plan

SEAFORD~SUSSEX COUNTY~DELAWARE

DESI	GNED	BY:	JCR

DRAWN BY: JCR

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Figure 1-Overview Map

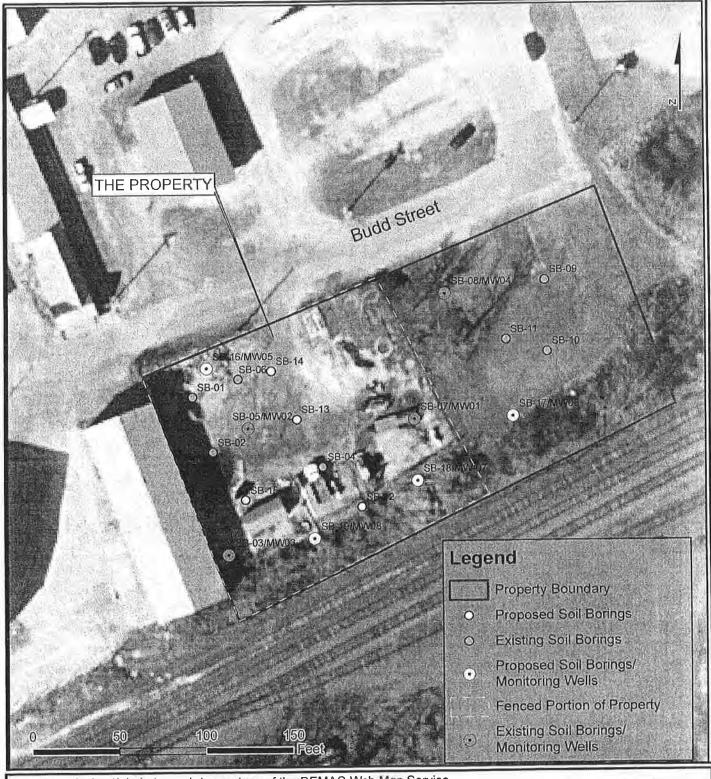


DUFFIELD ASSOCIATES

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OFFICES IN PENNSYLVANIA, SOUTHERN DELAWARE, MARYLAND AND NEW JERSEY

EMAIL DUFFIELD@DUFFNET.COM



**The historical aerial photograph is courtesy of the DEMAC Web Map Service

Date: 05/2015

SCALE: AS SHOWN

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SHEET: FIGURE 2 FIGURE 2

SAMPLE LOCATION SKETCH

Seaford Town Gas Site (DE-0069) Conceptual Site Model & Sampling Analysis Plan

SEAFORD~SUSSEX COUNTY~DELAWARE

DESIGNED BY: JCR

DRAWN BY: JCR

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APPENDIX A DNREC's March 1984 Preliminary Assessment report

FOIA

A Preliminary Assessment

0.0

Scaford Town Gas

EPA No. DE-61

Emergency and Remedial Response Information System

Grant No. X-063282-01-0

March, 1984

Presented to: Mr. P. Shaul, Chief of Waste Enforcement

U.S. EPA, Region 111

Frepared by: Delaware Department of Natural Resources

and Environmental Control, Solid Waste

Branch

Andrew Bollen, ERRIS Investigator

Robert Pickerr, ERRIS Coordinatur

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- L. Introduction
- (). Site History
- III. Environmental Setting
- IV. . Preliminary Assessment Form
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. Introduction

Inquiry Source

U. S. LPA Regiou III Hwadquarters, Pulladelphia, PA.

Swamar y

Seaford Town Gas, located on Budd Street along the Nauticoke River in Seaford, belowace, was used as a coal gas plant until approximately 1950. In the coal gas operation, coal was burned at low temperature and oxygen to produce a gas which then goes through scrubbers to remove impurities. The gas was then supplied to customers. The impurities included coal tar and naphalene. Thuse products were sold to receive for roofing material. Seaford Town Gas was bought by Chesapeake Utilities about 1950 and the facility on Budd Street was switched to propane/air. In 1958 the facility was changed to natural gas. The facility is now used as a transfer station for natural gas and as storage for propane tanks. Lat

Recommendations

Ho records can be found in Chesapeaka billicies files on any waste disposal site, the waste was said to be sold to roofers, and a site visit showed no evidence of contention. However, this information is inconclusive and the Delaware Department of matural Resources and Environmental Control recommends that a low priority site inspection be performed. The installation of monitoring wells about be completed prior to the site inspection.

II. Site History

Permits

No permits were ever issued by the Deleware Department of Natural Resources and Environmental Control to Scaford Town Gas.

Site Owner

Chesapsake Utilities Co.

Area Rosidents

Mr. Schieferstein, who lives adjacent to the Budd Street facility, worked for Chesapeake Utility Co. for over 30 years and retired in 1983. According to Mr. Schieferstein the cost gas operation was used during the 1940's and was switched to propose air around 1950. Other accounts by Mr. Schieferstein are referenced in the summary.

Medita Coverage

No Coverage of the Reaford Town Gas site was found in the Delaware State News library.

Regulatory Action

No regulatory action was ever taken at this site by the Delaware DMRAC.

III. Environmental Setting

Surface Water

The Chesapeake Utilities Co. Budd St. facility is located on or adjacent to the Nanticoke River flood plain. The historic water quality in the Nanticoke River has been good to excellent with only minor feedl coliforn exceedences.

Cround Water

Due to the proximity of the Nanticoke Kiver, the water table at the site is close to the surface (less than ten feet), is about 100 ft. thick. Its potentiometric surface is less than 25 ft. below the surface.

Geology and Soils

The original surface material at the site was composed of silts and sands of the Columbia formation. These occur between 20 and 30 ft. thick in the Seaford area. The original soil at the site was a loany sand of the Eveshpro-Rumford formation.

Population Distribtion

The population of Scaford and Blades in 1980 was less than 6000.

Water Supply

The water in the area of the Chesapeako Unility Co.'s Budd Street (scility is supplied by the City of Shaford.

Land Use

Land use to the north of the site is primarily residential, to the south between the site and the Nanticoke River, is a light industrial site. IV. Preliminary Assessment Form

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POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

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V. Fleld Trip Summary Report

FIELD TRIP SUMMARY REPORT

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(EPA	Form T2010-2).	do	that a proper site rating can be assigned.	78 18 18 19

Hame o	of Site Seaford Town Gas
EPA Ca	se Number DE-61
TOD No	mber
1. 1f	site is active, has owner/operator notified BPA in accordance with ection 3010 of RCRA. Yes No X
16	Yes: a) Note EPA 1.D. No. b) Is the site a generator, stater, treater or disposer of hezardous waste? (CIRCLE ONE).
or al:	the answers submitted in Pact VI (Hazard Description) of EPA Pora T2070-2 observations warrant a more thorough site investigation/sampling, please tack a sketch map showing those areas of concern. (i.e.: lagrans, leachate eps, drum storage, manitoring wells, etc.).
TTI, P.	leave list site contacts and accompanying inspectors; include name, title d phone numbers:
	ndrew Bullen, Tom Gainer, UNRFC Solid Waste Branch, 302-736-6781
	harles Russell, Chesnpeake Utilities 302-629-4563
H	r. Schleferstein, Chesapsake Utilities (Retired)
	e observations: (attach a topo map),
٨.	Population within 1000 ft. of the site is (CIRCLE ONE)
	1. 0-10 people 2. 10-100 people 3. greater than 100 people
B .	List surrounding land use: (wond loc, agricultural, playground, industrial, etc.).
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	West: warehouses

FIELD	TRIP SUMMARY REPORT TOD Number	age 2
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FI	ELD TRIP SUMMARY REPORT TOD Number	Page	1
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	Name:		
	Agency:		
	Phone No.:		
VI,	Is a hydrogeological survey for this site accorded? YES NO X If no, Section III D of EPA Form T2070-2 must be completed.		
	Please attach pertinent copies of raports or data reviewed by inspector (i.e State monitoring data, consultant suports, etc.),	# 4 *	
VIII.	Name of Inspector: Andrew Bullen		
	Agency: Delaware DNREC, Solid Maste Branch	-	
	Phone No.: 302-736-4781	V	
	Time on Site: 2:00 - 3:00 p.n. 2/29/84		
	Weather Conditions: 30°F windy, partly cloudy	eren .	

VI. Maps and Drawlags

APPENDIX B TetraTech's February 2015 Facility Evaluation Report



Facility Evaluation Report

Seaford Town Gas Site (DE-0061)

FINAL

Prepared For

Department of Natural Resources & Environmental Control Division of Waste & Hazardous Substances Site Investigation & Restoration Section 391 Lukens Drive New Castle, DE 19720

Facility Evaluation Report

Seaford Town Gas Site (DE-0061) Tetra Tech Project No. 103S257406

REPRESENTATIONS

This report was compiled based partially on information supplied to Tetra Tech from outside sources and other information, which is in the public domain. The conclusions and recommendations herein are based solely on the information Tetra Tech obtained in compiling the report. Documentation for the statements made in the report is on file at Tetra Tech's Newark, Delaware office. Tetra Tech makes no warranty as to the accuracy of statements made by others which may be contained in the report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Because the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards, which could possibly cause accidents, Injuries or damage. Compliance with submitted recommendations or suggestions doe1 not assure elimination of hazards or the fulfillment of clients' obligations under local, state or federal laws or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature, but shall be a representation of findings of fact from records examined.

Prepared by:

Jacob Costello

Environmental Scientist

PRESENTED TO

Department of Natural Resources & Environmental Control

391 Lukens Drive New Castle, DE 19720 Reviewed by:

David Kane, P.G. DE #S0001248

Project Manger

PRESENTED BY

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FE Report Seaford Town Gas Site

February 2015

Appendices

Appendix A – Preliminary Assessment Report (March 1984)

Appendix B - Geophysical Report

Appendix B = Geophysical Report

Appendix C - Soil Boring Logs & Soil Core Photographs

Appendix D - DNREC Well Permits

Appendix E - Low Flow Sampling Logs

Appendix F - DNREC Screening Results Summary

Appendix G - Analytical Data Packages (CD-ROM)

1.0 INTRODUCTION

This Facility Evaluation report has been prepared by Tetra Tech, Inc. (Tetra Tech) for the Delaware Department of Natural Resources and Environmental Control (DNREC) Site Investigation and Restoration Section (SIRS) for the investigation of the Seaford Town Gas site located in Seaford, Delaware. The report provides an evaluation of environmental conditions at the site, and recommendations as to whether further investigation is required.

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The Scope of Work (SOW) involved the following tasks:

- Project planning and coordination.
- Preparation of a work plan for proposed field activities.
- Implementation of the proposed field related activities.
- Data evaluation.
- Preparation of a report documenting the findings of the field activities, including recommendations for additional work, if required.

2.0 BACKGROUND

The Seaford Town Gas Site (DE-0061; Tax ID #5-31-13.00-0006.00) in Seaford, Delaware 19973, is located on Shipley Street at coordinates 38.63589°, -75.61965° (Figure 1). The site was also identified as the "Sussex Gas Company" and is referred to in previous DNREC investigations as a "former coal gas plant". The Environmental Protection Agency (EPA) inspected the site in May 1985 and made a determination that no further action was necessary. This determination was based upon information provided by employees of Chesapeake Utilities—that no waste was disposed of on-site and that the generated waste/byproduct was sold to roofers. No other known environmental investigation related activities have been documented for the site.

The site was historically used for coal gas plant operations, and is currently a storage and staging area for trucks and equipment for Chesapeake Utilities. The site is approximately 0.9 acre in size and consists of an existing shed and a fenced gravel parking lot. (**Figure 2**). The area immediately adjacent to the site consists of commercial businesses to the north, east, and west, and railroad tracks to the south.

The Seaford Town Gas site lies within the Atlantic Coastal Plain Physiographic Province consisting of Holocene sediments of the Columbia Group. Site soils are mapped entirely as Henlopen-Rosedale-Urban land complex. This type of soil consists of sandy eolian deposits and loamy fluviomarine sediments, and is somewhat excessively drained to well drained with a water table typically 42 to greater than 80 inches

below the surface. Site soils beneath the shallow fill materials encountered were consistent with the descriptions for these soil series (NRCS Web Soil Survey, USDA).

The nearest surface water body to the site is the Nanticoke River, which is located approximately 0.15 mile southeast of the site.

A Preliminary Assessment (PA) was conducted in March 1984 under the DNREC Superfund (Pre-Remedial) Program. Based upon the findings of the PA, no further action was recommended under CERCLA at that time. No work has been conducted at the site since then. A copy of the PA report dated March 1984 is provided in **Appendix A**.

3.0 SUMMARY OF FIELD ACTIVITIES

For this investigation, Tetra Tech conducted soil boring and monitoring well installation and sampling activities. Field activities were conducted in accordance with DNREC-SIRS Standard Operating Procedures for soil and groundwater sampling during the investigation process.

3.1 Preliminary Site Visit

Prior to the field investigation, Tetra Tech met with Chesapeake Utilities (Site Owner) on-site on October 7, 2014, to walk the property and to identify areas of investigation and areas of potential concern. During the walk-through, Tetra Tech and Chesapeake personnel discussed the objectives of the facility evaluation and selected soil boring locations and locations for groundwater sampling. The sampling locations were further refined using a close-up aerial image and confirmed with DNREC before finalizing. Based upon the presence of subsurface utilities and the possible presence of coal gas-related structures (e.g., gasholder) a geophysical survey was warranted.

3.2 Geophysical Survey

Tetra Tech contracted with Advanced Geological Services (AGS) of Malvern, PA to conduct a geophysical survey of the site. The geophysical survey was conducted on October 17, 2014. AGS used the electromagnetic (EM) method to determine the lateral extent of site utilities and any underground anomalies or structures. The EM survey was conducted with an EM31 instrument by Geonics, Inc. and a Trimble ProXRS Global Positioning System (GPS). The EM data was subjected to a Kriging contour process, and the data was presented as annotated color contour maps of the survey area. The geophysical survey highlighted anomalies that suggested the presence of utilities, fill, debris and subsurface structural features. The AGS report is attached as **Appendix B**.

3.3 Soil Borings

Tetra Tech contracted Vironex to provide a Delaware-licensed well driller and a truck-mounted Geoprobe drill rig to advance soil borings, collect soil samples, and install and develop monitoring wells. The drilling and well installation was conducted between November 19 and 20, 2014. A total of eleven soil borings were advanced and four monitoring wells installed at the site. The boring and well locations are depicted on **Figure 3**.

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The work plan called for each boring to be advanced to approximately 20 feet below ground surface (bgs). However, borings where monitoring wells were installed were advanced from 23 to 25 feet bgs in order to accommodate installation of a 10-foot screen in the saturated zone. In addition, three of the borings (SB-9, SB-10, and SB-11) were only advanced to 15 feet bgs because groundwater was not encountered and no apparent contamination detected (staining, odors or elevated PID readings). Continuous soil samples were collected in disposable acetate sleeves at each location.

Soil samples were collected and submitted to the DNREC screening laboratory for analysis for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, PCBs and total metals from each of the eleven boring locations. The soil samples were collected from either areas of elevated organic vapor concentrations determined by the PID, areas observed to have soil staining/discoloration based on field observations, or at the water table interface, typically observed from about 14 to 18 feet bgs in each of the borings. The shallow samples were identified with the letter "S" (i.e., SS-01), and the deep samples were identified with a letter "D" (i.e. SD-01) at each of the boring locations. Each soil boring was logged in the field; boring logs are provided as **Appendix C**. Photographs of the soil cores are also included in Appendix C. A chain-of-custody was maintained at all times for the samples. All of the samples were stored on ice after collection and up to their receipt at the DNREC laboratory.

Additionally, quality assurance/quality control (QA/QC) samples were collected and included a Matrix Spike/Matrix Spike Duplicate (MS/MSD) collected at location SD-03, and a field duplicate sample collected at location SS-05, designated as SS-13. Soil sampling was conducted according to DNREC sampling protocols and Tetra Tech standard operating procedures.

Based upon the screening results, DNREC and Tetra Tech selected twelve samples (eleven plus one duplicate) for fixed laboratory analysis. The criteria for selection of the fixed laboratory samples was based upon the goal of obtaining a representative geographical distribution of the samples as well as focusing on samples with the most elevated screening results. The soil samples were submitted by DNREC to TestAmerica Laboratories Inc. for analysis of VOCs, SVOCs and total metals; the results are included in Tables 2, 3, and 4 and the findings discussed in Section 4.0.

3.4 Well Installation and Groundwater Sampling

Wells were GPS located at the soil boring locations that were surveyed by AGS on October 17, 2014, and the well details are provided in **Table 1**. Permanent flush-mount wells were installed by the Geoprobe contractor at four boring locations on November 19 and 20, 2014; well permits are provided in **Appendix D**. The wells were constructed of 1-inch diameter polyvinyl chloride (PVC), with pre-packed 10-slot (0.010) PVC screen installed to a depths of 23 to 25 feet bgs. After installation, the wells were purged on November 21, 2014, using a peristaltic pump with dedicated high density polyethylene (HDPE) sample tubing. The purging process was continued until the purge water was observed to be relatively clear of fine sediment and water quality parameters (temperature, pH, conductivity) were stable (within 10%) as noted on the YSI instrument. All purge water was discharged to a bucket and transferred to a 55-gallon drum for containment and staged on site pending analytical results. A table of well construction information is provided as **Table 1**. The low flow sampling logs are provided in **Appendix E**.

Water levels were measured at each well prior to conducting groundwater sampling. A summary of the water table elevation are provided in **Table 1**. A groundwater contour plan was compiled based on these water table elevations and is presented as **Figure 4**. The contour plan indicates that the apparent groundwater flow is to the southeast toward the Nanticoke River with an approximate flow gradient ranging from 0.01 to 0.017 ft./ft. It should be noted that the gradient and flow contours are based upon a limited number of points (four).

Groundwater samples were collected from each of the four installed wells on November 21, 2014, at boring locations SB-03 (MW-03), SB-05 (MW-02), SB-07 (MW-01), and SB-08 (MW-04). The groundwater samples were identified with the letters "MW" (i.e., MW-01). Quality assurance/quality control (QA/QC) samples included a Matrix Spike/Matrix Spike Duplicate (MS/MSD) collected from MW-04, and a field duplicate sample collected from MW-02 (designated as MW-05). Groundwater sampling was conducted according to DNREC sampling protocols and Tetra Tech Standard Operating Procedures. The four groundwater samples were submitted to TestAmerica Laboratories for TCL VOCs, TCL SVOCs, pesticides, PCBs, total cyanide and total/dissolved metals analyses; the results are summarized in Tables 5 - 10 and discussed in the following section.

4.0 FINDINGS

4.1 Field Observations

Tetra Tech installed eleven soil borings to a maximum depth of 25 feet bgs throughout the Seaford Town Gas Property. Site soils were generally sandy with gravel content increasing with depth. Some soil staining was observed within the fenced portion of the site but was not observed in soils outside of the fenced area.

The typical soil columns encountered in the borings within the fenced portion of the study area (SB01 through SB07) were as follows:

- 0 to 4.5 ft. Brown medium-coarse sand with trace silt and few gravel. Slight tar-like odor observed at one location (SB01).
- 4.5 to 11 ft. Variegated brown silty fine-medium sand with few clay plugs. Gray mottles, black tar-like stains between 6 to 8 feet bgs at several locations.
- 11 to 20 ft. Stratified layers of reddish-brown and light gray medium-coarse sand with few rounded gravel.

The typical soil columns encountered in the borings in the grassy field portion of the study area (SB08 through SB11) were as follows:

- 0 to 1 ft. Topsoil black fine-medium sand with trace silt and few gravel. Organic.
- 1 to 5 ft. Light brown medium-coarse sand with trace silt and few small gravel.
- 5 to 8 ft. Brown with gray mottles medium-coarse sand with some silt and trace clay.
- 8 to 11 ft. Variegated gray with reddish-brown mottles fine sandy clay with some silt and few small gravel.
- 11 to 15 ft. Variegated gray and reddish-brown medium-coarse sand with few round gravel.

The water table was encountered at approximately 14 to 18 feet bgs across the entire study area. The water elevations across the site wells are nearly identical resulting in an almost flat hydraulic gradient. However, given the proximity to the Nanticoke River it is presumed that groundwater flow is to the south across the railroad tracks and into the river. Detailed soil boring logs and soil core photographs are provided as **Appendix C**.

4.2 Soil Analytical Results

4.2.1 DNREC Screening Lab Results

The results of the DNREC screening laboratory analyses indicated the presence of elevated levels of polycyclic aromatic hydrocarbons (PAHs), diesel-range organics (DRO) and a broad array of tentatively identified compounds (TICs) in the soil borings contained within the fenced portion of the site (SB-01 through SB-07). A summary of the soil screening results has been tabulated and is presented in **Appendix F**.

4.2.2 Fixed Laboratory Analysis

Based upon the screening results, twelve soil samples were subsequently submitted to TestAmerica for fixed laboratory analysis for VOCs, SVOCs and TCL metals. The soil samples submitted to the laboratory were collected from boring locations SB-01 (SS-01, SD-01), SB-02 (SS-02, SD-02), SB-03 (SS-03, SD-03), SB-05 (SS-05, SD-05), SB-07 (SS-07, SD-07), and SB-8 (SS-08, SD-08). The soil boring locations are depicted on **Figure 3**.

A summary of the soil analytical results has been tabulated and is presented in **Tables 2-4**. A copy of the analytical data package for the soil samples is included on a CD-ROM provided as **Appendix G**.

The results of the fixed laboratory analysis indicate the following.

Volatile Organic Compounds

Six VOCs were detected in the soil samples at concentrations greater than their Method Detection Limits (MDLs). These include benzene, ethylbenzene, isopropylbenzene, styrene, toluene and total xylenes. These VOCs were detected in soil borings SB-02 and SB-03 (and the duplicate from SB-02 identified as SB-05). A summary of the soil analytical results for VOCs is presented as **Table 2**.

Benzene and total xylenes were the only VOCs detected in soil samples at concentrations greater than the DNREC-SIRS Screening Levels (SLs). These exceedances were detected in soil boring SB-02. At this location ethylbenzene was detected in the deep soil boring at a concentration of 28 mg/kg, which exceeds the SL of 5.8 mg/kg. Total xylenes were also detected in the deep soil boring from SB-02 at a concentration of 73 mg/kg, which exceeds the SL of 58 mg/kg.

A number of TICs were quantified in sample SD-02, including several naphthalene isomers.

Semi-Volatile Organic Compounds

A number of SVOCs were detected in the soil samples at concentrations greater than their MDLs; these include the following:

- 1,1'-Biphenyl
- 2-Chlorophenol
- 2-Methylnaphthalene
- Acenapthylene
- Acetophenone
- Anthracene
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(g,h,i)perlyene
- Dibenzo(k)fluoranthene

- Chrysene
- Carbazole
- Dibenz(a,h)anthracene
- Fluoranthene
- Fluorene
- Dibenzofuran
- Indeno(1,2,3-cd)pyrene
- Naphthalene
- Phenanthrene
- Pyrene

The majority of the positive detects for SVOCs are classified as PAHs, which are typically found in soils at former coal gas sites. The SVOCs/PAHs were detected in both the shallow and deep samples; however, the shallow samples demonstrated a broader array of constituents with generally higher concentrations (generally 1 to 2 orders of magnitude difference).

Similar to the soil VOC data, a broad array of TICs were detected in a number of samples with naphthalene and phenanthrene isomers dominating the mix.

The following SVOCs were detected at concentrations exceeding the DNREC SL for soils:

- 1,1'-Biphenyl
- 2-methylnaphthalene
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene

- Benzo(k)fluoranthene
- Dibenzo(a, h)anthracene
- Indeno(1,2,3-cd)pyrene
- Naphthalene

The exceedances were primarily detected in samples collected from soil borings SB-02 and SB-03, which are located in the southwest corner of the property. The deep sample from SB-02 exhibited higher levels of SVOCs, while the shallow sample from SB-03 exhibited higher levels of SVOCs. A summary of the soil analytical results for SVCOs is presented as Table 3.

Metals

A variety of metals were detected in the soil samples at concentrations greater than their MDLs. These include aluminum, arsenic, calcium, chromium, copper, iron, lead, manganese, vanadium, zinc, and mercury. None of the exceedances for the metals exceed the DNREC SL except for mercury, which was detected in SB-05 (the duplicate sample from SB-02). At that location mercury was detected at a concentration of 5.3 mg/kg, which exceeds the SL of 0.94 mg/kg. A summary of the soil analytical results for metals is presented as Table 4.

The most frequently detected metals and range of concentrations include the following:

- Aluminum detected in 12 of 13 soil samples with concentrations ranging from 688 to 12,300 mg/kg. All of the concentrations were less than the DNREC SL of 51,200 mg/kg.
 - Barium detected in all 13 soil samples with concentrations ranging from 2.9 to 31.4 mg/kg. All of the concentrations were less than the DNREC SL of 15,000 mg/kg.
 - Chromium (total) detected in all 13 soil samples with concentrations ranging from 1.8 to 12.3 mg/kg. All of the concentrations were less than the DNREC SL of 214 mg/kg.
 - Iron detected in all 13 samples with concentrations ranging from 506 to 20,100 mg/kg. All of the concentrations were less than the DNREC SL of 74,767 mg/kg.
 - Lead detected in 12 of 13 soil samples from both the shallow and deep with concentrations ranging from 1.4 to 40.5 mg/kg. All of the concentrations were less than the DNREC SL of 400 mg/kg.
 - Manganese detected in all 13 soil samples with concentrations ranging from 1.1 to 83.1 mg/kg.
 All of the concentrations were less than the DNREC SL of 2,100 mg/kg.
 - Vanadium detected in all 13 soil samples with concentrations ranging from 0.93 to 27.6 mg/kg.
 All of the concentrations were less than the DNREC SL of 390 mg/kg.
 - Mercury detected in 5 soil samples with concentrations ranging from 0.015 to 5.3 mg/kg. All of
 the concentrations were less than the DNREC SL of 0.94 mg/kg except for the shallow soil sample
 SS-05 collected from the 0 to 4 feet bgs.interval at SB-05, in which mercury was detected at
 5.3 mg/kg.

4.3 Groundwater Analytical Results

Four groundwater samples and one duplicate sample were submitted to TestAmerica for fixed laboratory analysis for VOCs, SVOCs, pesticides, polychlorinated biphenyls (PCBs), total cyanide and total/dissolved metals. Additionally, the QA/QC samples collected included a Matrix Spike/Matrix Spike Duplicate (MS/MSD) collected at boring location SB-08 (MW-04); and a field duplicate sample collected at boring location SB-05 (MW-02), designated as MW-05. The boring/temporary well point locations are depicted on **Figure 3**.

A summary of the groundwater analytical results are tabulated and presented in **Tables 5-10**. A copy of the analytical data package for the groundwater samples is included on a CD-ROM provided as **Appendix F**.

The results of the fixed laboratory analysis indicate the following:

Volatile Organic Compounds

Six VOCs were detected in the groundwater samples collected during this investigation at concentrations greater than the laboratory MDL; these include benzene, ethylbenzene, isopropylbenzene, styrene, toluene and total xylenes. Benzene, ethylbenzene and total xylenes were detected at concentrations greater than their respective SL (0.45, 1.5, and 19 ug/L) in samples collected from wells MW-02 and MW-03. Benzene was detected at a concentration of 9.1 ug/L at MW-02 and 27 ug/L at MW-03. Ethylbenzene was detected at a concentration of 6 ug/L at MW-02 and 30 ug/L at MW-03. Total xylenes were detected at a concentration of 46 ug/L at MW-02 and 180 ug/L at MW-03.

In addition, a number of TICs were quantified in the samples from MW-02 and MW-03 including several benzene and naphthalene isomers.

Semi-Volatile Organic Compounds

SVOCs were detected in two of the four samples collected from monitoring wells installed during this investigation. Eleven SVOCs were detected in the groundwater samples at concentrations greater than the laboratory MDLs. These include:

- 1,1'-Biphenyl
- 2-Methylnaphthalene
- Acenapthene
- Acenapthylene
- Acetophenone
- Anthracene
- Benzo(a)pyrene

- Fluorene
- Naphthalene
- Phenanthrene
- Pyrene

Six of the eleven SVOCs were detected at concentrations exceeding DNREC SL for groundwater. These include the following:

- 1,1'-Biphenyl The SL of 0.083 ug/L was exceeded at MW-02 (6.3 ug/L) and MW-03 (22 ug/L).
- 2-Methylnapthalene The SL of 3.6 ug/L was exceeded at MW-02 (51 ug/L along with the duplicate sample at this location at 47 ug/L) and at MW-03 (150 ug/L).
- Benzo(a)pyrene The SL of 0.0034 ug/L was exceeded at MW-03 (0.84 ug/L).
- Fluorene The SL of 29 ug/L was exceeded at MW-03 (40 ug/L). Lower level detections of fluorene were exhibited at MW-02 (and its duplicate).
- Naphthalene The SL of 0.17 ug/L was exceeded at MW-02 (280 ug/L along with the duplicate sample at this location at 310 ug/L) and at MW-03 (880 ug/L).
- Phenanthrene The SL of 12 ug/L was exceeded at MW-02 (27 ug/L along with the duplicate sample at this location at 25 ug/L) and at MW-03 (47 ug/L).

The majority of the positive detects and SL exceedances for SVOCs are classified as PAHs, which are typically detected in groundwater at former coal gas sites.

Similar to the VOC data, a broad array of TICs were detected in the samples from MW-2 and MW-3 with benzene, indene, and naphthalene isomers dominating the mix.

Pesticides and PCBs

The groundwater samples were analyzed for pesticides and polychlorinated biphenyls (PCBs) by EPA Methods 8081 and 8082, respectively. No pesticides or aroclors were detected greater than their laboratory MDLs in any of the groundwater samples.

Total Metals

Thirteen metals were detected in the unfiltered groundwater samples collected during this investigation at concentrations greater than the laboratory MDL. These include the following:

- Aluminum
- Barium
- Calcium
- Chromium
- Cobalt
- Iron
- Magnesium

- Manganese
- Nickel
- Potassium
- Sodium
- Zinc
- Mercury

Total iron, manganese, and mercury were detected at concentrations greater than the DNREC SL.

- Iron The SL of 1,400 ug/L was exceeded in all four groundwater samples with concentrations ranging from 7,930 ug/L at MW-02 to 22,000 ug/L at MW-03.
- Manganese The SL of 43 ug/L was exceeded in all four groundwater samples with concentrations ranging from 68.8 ug/L at MW-02 to 591 ug/L at MW-03.
- Mercury The SL of 0.063 ug/L was exceeded in two of the four groundwater samples with concentrations ranging from 0.2 to 0.3 ug/L at wells MW-01 and MW-03, respectively.

Dissolved Metals

Thirteen metals were detected in the filtered groundwater samples collected during this investigation at concentrations greater than the laboratory MDL. These include the following:

- Aluminum
- Barium
- Calcium
- Chromium
- Cobalt

- Iron
- Magnesium
- Manganese
- Nickel
- Potassium

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- Sodium
- Zinc

Mercury

Dissolved cobalt, iron, manganese, and mercury were detected at concentrations greater than their DNREC SLs.

- Cobalt The SL of 0.6 ug/L was exceeded in the groundwater sample collected from MW-04 where it was detected at a concentration of 4.1 ug/L.
- Iron The SL of 1,400 ug/L was exceeded in all four groundwater samples with concentrations ranging from 8,320 ug/L at MW-02 to 20,900 ug/L at MW-04.
- Manganese The SL of 43 ug/L was exceeded in all four groundwater samples with concentrations ranging from 65.2 ug/L at MW-02 to 512 ug/L at MW-03.
- Mercury The SL of 0.063 ug/L was exceeded in the groundwater sample collected from MW-03 where it was detected at a concentration of 0.20 ug/L.

Total Cyanide

All four groundwater samples were also analyzed for total cyanide by EPA Method 335.4. Cyanide is a compound typically identified in soil and groundwater at former coal gas sites. The analytical results indicate that total cyanide was not detected at a concentration greater than the MDL in three of the four samples. Total cyanide was detected in the sample collected from MW-3 at a concentration of 0.023 ug/L. However, this concentration is less than the DNREC SL of 0.15 ug/L. It should also be noted that this sample was flagged as "B" by the laboratory, indicating that the contaminant was also found in the laboratory blank sample.

5.0 FINDINGS AND CONCLUSIONS

Tetra Tech performed an evaluation of the Seaford Town Gas Site (DE-0061) located in Seaford, Delaware. Based on the data collected during the FE, the following findings and conclusions are offered:

- Nine SVOCs were detected at concentrations greater than their respective DNREC Screening Level (SL) in seven of the twelve soil samples (includes one QA/QC duplicate sample). The exceedances were primarily associated with samples collected from borings installed within the fenced in portion of the property (SB-01, SB-02, and SB-03).
- SVOCs (primarily PAHs) were detected in both shallow and deep soil samples for borings outside
 the fenced area; however, the detections were all less than the DNREC SL.

 A number of SVOCs (primarily PAHs) were detected in groundwater at concentrations exceeding the DNREC SL.

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- Benzene, ethylbenzene and total xylenes were detected in groundwater at concentrations exceeding the DNREC SL in the samples collected from MW-02 (and in its duplicate MW-05) and MW-03.
- The groundwater exceedances were primarily associated with the wells installed on the west (fenced) portion of the site.
- A broad array of metals were detected in both the shallow and deep soil samples, which are
 probably an artifact of the site's historic industrial/commercial usage. However, the detected
 concentrations of metals are less than the DNREC SL for metals in soil with the exception of
 mercury detected in the shallow soil duplicate sample from SB-02.
- Iron and manganese were detected in all of the groundwater samples at concentrations exceeding the DNREC SL.
- Mercury was detected at MW-01 and MW-03 at concentrations greater than the DNREC SL, and cobalt was detected from the dissolved sample analyzed from MW-04.
- The analytical results for pesticides, PCBs and cyanide were all either less than the laboratory MDL, or where positively detected, less than the respective DNREC SL.

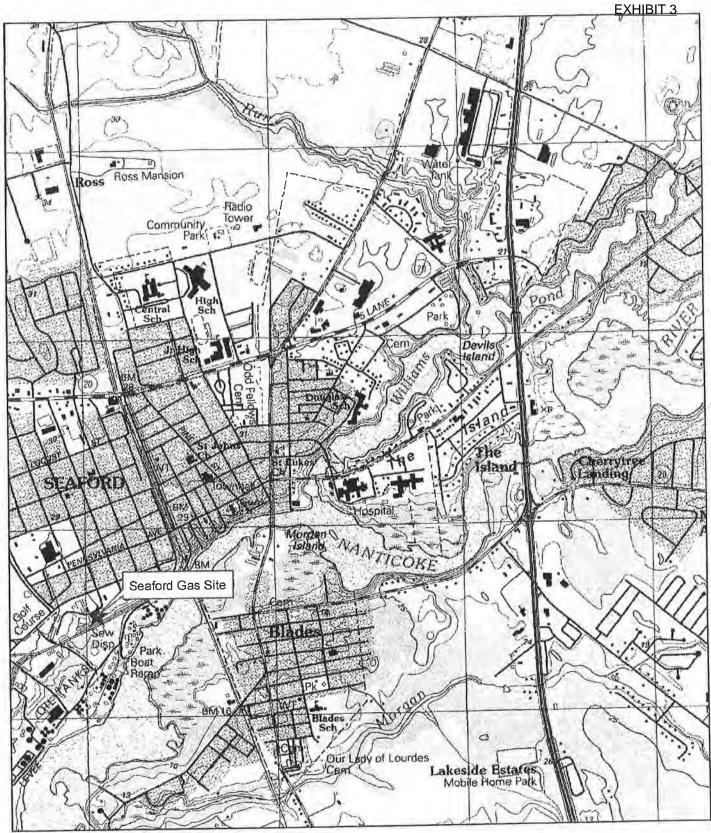
Based on the findings of the Facility Evaluation, the following conclusions are offered:

- The contaminants of potential concern (COPC) at the site are SVOCs in soil, VOCs and SVOCs in groundwater, and mercury in groundwater.
- Shallow groundwater at the site is impacted by low levels of metals above their respective DNREC
 Screening Levels. The presence of aluminum, arsenic, chromium, cobalt, iron, manganese, and
 vanadium suggest an anthropogenic source of contamination. The aluminum and manganese
 concentrations may be attributable to background water quality conditions. These too may be
 attributable to historical site activities presumably associated with historic coal gas-related
 activities.
- Based on the findings of the field investigation, Tetra Tech recommends further investigation be conducted at the site to delineate the extent of soil and groundwater impact associated with historic site operations.

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FIGURES







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Figure 1 Site Location Map Seaford Gas Site Seaford, Sussex Co., DE

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Legend

Approximate Historical Structure Locations

Property Boundary





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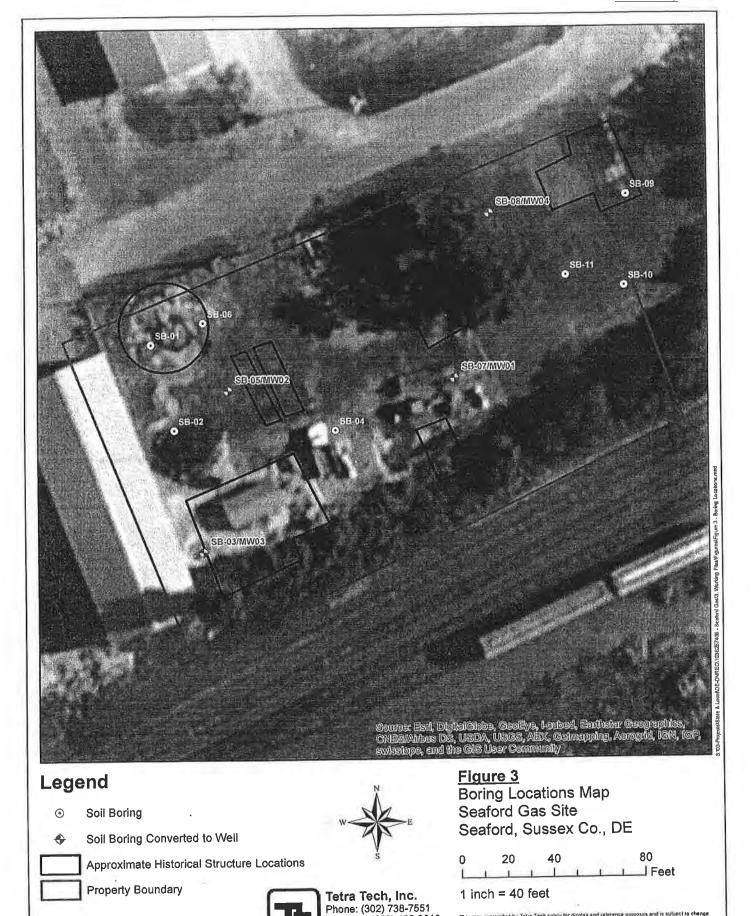
Figure 2 Site Layout Map Seaford Gas Site Seaford, Sussex Co., DE

80 20 Feet

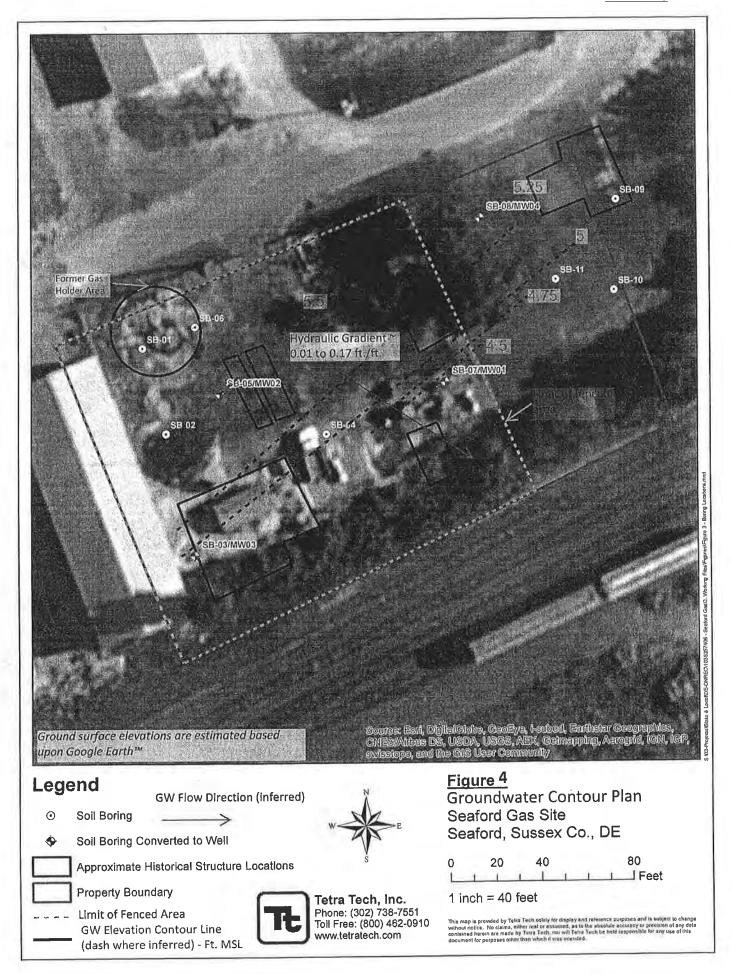
1 inch = 40 feet

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TABLES

SEAFORD, DE

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U CODIGO DO LONG CODIGO CODIGO <td>0.000</td> <td></td> <td>0.020</td> <td>0.016</td> <td>1</td> <td>0.016</td> <td>0.021</td> <td></td> <td>0.021</td> <td></td> <td></td> <td>0.022</td> <td></td> <td></td> <td>0.022</td> <td></td> <td></td>	0.000		0.020	0.016	1	0.016	0.021		0.021			0.022			0.022		
U 0.0000 0.0199 U 0.0190 U 0.0290 U 0	0.010		0.010	0.0082	ח	0.0082	0.011	n	0.011		n	0.012	0.011		0.011		
U 0.0016 0.0018 0.0017 U 0.0018 0.0017 U 0.0018 0.0017 U 0.0018 0.0018 <t< td=""><td>0.023</td><td></td><td>0.023</td><td>0.019</td><td>ח</td><td>0.019</td><td>0.025</td><td>n</td><td>0.025</td><td></td><td>n</td><td>0.027</td><td>0.026</td><td></td><td>0.026</td><td>14</td><td></td></t<>	0.023		0.023	0.019	ח	0.019	0.025	n	0.025		n	0.027	0.026		0.026	14	
U O(0.04) O(0	0.016		0.016	0.013	ח	0.013	0.017	n	0.017		n	0.019	0.018		0.018	-1	0.0
U 0.0543 0.0024 U 0.0445 0.0445 0.0445 0.0445 0.0445 0.0446	0.011		0.011	0.0088	n	0.0088	0.012	n	0.012		5	0.013	0.012		0.012		
U 0.0564 0.0040 U 0.0268 U 0.0567 U 0.0569 U 0	0.043		0.043	0.034	n	0.034	0.045	n	0.045		5	0.049	0.048		0.048		0.0
U 0.0224 0.0205 U 0	0.050		0.050	0.040	n	0.040	0.053	n	0.053	0.057	5	0.057	0.056		0.056		
U 0,0029	0.034		0.034	0.027	ח	0.027	0.036	n	0.036	0.039	n	0.039	0.038		0.038		
U 0.0224 0.019 √ 0.0234 U 0.0271 U 0.0272 U 0.0273 U 0.0274 U 0.0273 U 0.0274 U 0.	0.026		0.026	0.020	ח	0.020	0.027	n	0.027	0.029	כ	0.029	0.029		0.029	0.018	0.0
U 0.0571 0.0066 U 0.0511 0.0172 U 0.0172 U 0.0173 U 0.0273 U 0.0274 U 0.0273	0.024		0.024	0.019	D	0.019	0.025	n	0.025	0.027	5	0.027	0.026		0.026	1	
U 0.0754 0.0764 U 0.0354 U 0.0354 U 0.0374 U 0.0375 U 0.0374 U 0	0.01	_	0.011	0.0086	ס	0.0086	0.011	n	0.011	0.012	D D	0.012	0.012		0.012		0.0
U 0.0259 0.0223 U 0.0234 U 0.0334 U 0.0344 U 0.0344 U 0.0344 U 0.0344 U 0.0345 U 0.0344 U 0	0.017	_	0.017	0.014	ח	0.014	0.018	n	0.018	0.019	ח	0.019	0.019		0.019	1	
U 0.229 0.629 0.	0.029		0.029	0.023	n	0.023	0.031	n	0.031	0.033	ח	0.033	0.032		0.032	1	5 :
U 0.0522 0.0500 U 0.056 U 0.057 U 0.05	0.29		0.29	0.23	n	0.23	0.31	n	0.31	0.33	5	0.33	0.32		0.32		5 :
Ú 0.12 0.089 U 0.029 0.013 U 0.13 0.14 U 0.014 U 0.014 U 0.015 U 0.024 U 0.025	0.062		0.062	0.050	D	0.050	0.066	ח	0.066	0.071	ם	0.071	0.070		0.070		5
Ú 0.336 U 0.036 U 0.036 U 0.038 U 0.038 U 0.037 U	0.12		0.12	0.099	ח	0.099	0.13	n	0.13	0.14	5	0.14	0.14	5	0.14		5 :
U 0.0710 0.00022 U 0.0245 U 0.0256 U	0.33		0.33	0.27	ח	0.27	0.35	n	0.35	0.38	n	0.38	0.37		0.37		
Ú 0.024 0.018 U 0.024 U 0.025 U 0.026 U 0.026<	0.010	1	0.010	0.0082	1	0.0082	0.011	ח	0.011	0.19		0.012	0.024		0.012		0.00
U 0.0723 0.0718 U 0.025 U 0.025 U U 0.0737 0.0771 U 0.0777 U 0.0777 U 0.0777 U 0.0775 U 0.0726 U 0.0728 U 0.0729 U </td <td>0.000</td> <td></td> <td>0.024</td> <td>0.019</td> <td>ח</td> <td>0.019</td> <td>0.025</td> <td>n</td> <td>0.025</td> <td>0.027</td> <td>ם</td> <td>0.027</td> <td>0.027</td> <td></td> <td>0.027</td> <td>0.017</td> <td>0</td>	0.000		0.024	0.019	ח	0.019	0.025	n	0.025	0.027	ם	0.027	0.027		0.027	0.017	0
U 0.016 0.017 U 0.018 U 0.028 U 0.028<	0.02		0.023	0.018	כ	0.018	0.024	n	0.024	0.026	כ	0.026	0.025		0.025	0.016	51:
U 0,0057 0,0057 U 0,0056 U 0,0056 U 0,0056 U 0,0058 U 0	0.02		0.016	0.013	5	0.013	0.017	n	0.017	0.018	ח	0.018	0.018		0.018	0.011	5
U 0.0014 0.011 U 0.015 U 0.016 U 0.015 U U 0.0251 0.0202 U 0.0256 U 0.0224 U 0.0228 U <td>0.007</td> <td>1</td> <td>0.0071</td> <td>0.0057</td> <td>ב</td> <td>0.0057</td> <td>0.0075</td> <td>n</td> <td>0.0075</td> <td>0.0081</td> <td>5</td> <td>0.0081</td> <td>0.008</td> <td></td> <td>0.008</td> <td>0.005</td> <td></td>	0.007	1	0.0071	0.0057	ב	0.0057	0.0075	n	0.0075	0.0081	5	0.0081	0.008		0.008	0.005	
U 0.025 0.025 U 0.025 U 0.028 U 0.024 U 0.025 U 0.025 U 0.025 U 0.026 U 0.026 U 0.026 U 0.026 U 0.027 U 0.027 U 0.027 U 0.028 U 0.028 U 0.028 U 0.028 U 0.028 U 0.028<	0.014	1	0.014	0.011	ח	0.011	0.015	키	0.015	0.016	5	0.016	0.015		6,000	0.0037	0.0
U 0.0221 0.017 U 0.0278 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.01	0.02		0.025	0.020	n	0.020	0.026	5	0.026	0.028	5	0.028	0.028		0.026	0.010	0 =
Ú 0.0098 0.0078 U 0.0078 0.01097 0.010 U 0.011 U 0.014 U 0.025 U <	0.02		0.021	0.017	n	0.017	0.022	D	0.022	0.024	5	0.024	0.024		0.024	0.015	2 :
Ú 0.012 0.0097 U 0.0087 0.013 U 0.013 0.014 U 0.014 U 0.018 U 0.023 U 0.025 U	0.009		0.0098	0.0078	'n	0.0078	0.010	n	0.010	0.011	ם	0.011	0.011		0.011	0.0069	
U 0.022 0.018 U 0.023 U 0.025 U 0.026 U 0.026 U 0.026 U 0.027 U 0.027 U 0.027 U 0.028 U 0.028 U 0.028 U 0.028 </td <td>0.01</td> <td></td> <td>0.012</td> <td>7600.0</td> <td>n</td> <td>0.0097</td> <td>0.013</td> <td>ח</td> <td>0.013</td> <td>0.014</td> <td>ם</td> <td>0.014</td> <td>0.014</td> <td></td> <td>0.014</td> <td>0.000</td> <td>0.0</td>	0.01		0.012	7600.0	n	0.0097	0.013	ח	0.013	0.014	ם	0.014	0.014		0.014	0.000	0.0
U 0.0223 0.016 U 0.028 U 0.025 U 0.034 U 0.018 U 0.018 U 0.034 U 0.035 U 0.035 U 0.035 U 0.034 U 0.034<	0.02		0.022	0.018	n	0.018	0.023	ח	0.023	0.025)	0.025	0.025	0	0.025	0.010	0 =
U 0.020 0.046 U 0.047 U 0.047 U 0.048 U 0.044 U 0.046 U 0.046 U 0.046 U 0.044 U 0.044 </td <td>0.02</td> <td></td> <td>0.023</td> <td>0.018</td> <td>n</td> <td>0.018</td> <td>0.024</td> <td>D</td> <td>0.024</td> <td>0.026</td> <td>5</td> <td>0.026</td> <td>0.026</td> <td>2</td> <td>0.026</td> <td>0.0.0</td> <td>5 2</td>	0.02		0.023	0.018	n	0.018	0.024	D	0.024	0.026	5	0.026	0.026	2	0.026	0.0.0	5 2
U 0.016 0.016 U 0.016 0.018 U 0.021 U 0.031 U 0.031 U 0.031 U 0.031 U 0.034 U </td <td>0.02</td> <td></td> <td>0.020</td> <td>0.016</td> <td>ח</td> <td>0.016</td> <td>0.021</td> <td>ח</td> <td>0.021</td> <td>0.023</td> <td>5</td> <td>0.023</td> <td>0.022</td> <td>0</td> <td>0.022</td> <td>0.0.4</td> <td>5 =</td>	0.02		0.020	0.016	ח	0.016	0.021	ח	0.021	0.023	5	0.023	0.022	0	0.022	0.0.4	5 =
U 0.0221 U 0.0228 U 0.0228 U 0.0228 U 0.0238 U 0.0238 U 0.0239 U 0.0349 U 0.0347 U 0.0347 U 0.0447 U 0.0444 U 0.0489 U 0.0349 U 0.0477 U U 0.0174 U 0.0144 U 0.0148 U 0.0149 U 0.0499 U	0.01	L	0.016	0.012	n	0.012	0.016	5	0.016	0.018	5	0.018	710.0	5 :	0.017	0.00	5 =
U 0.012 0.0036 U 0.0036 U 0.0036 U 0.0036 U 0.0036 U 0.0036 U 0.0041 U 0.011 U 0.014 U	0.02	_	0.027	0.022	n	0.022	0.028	n	0.028	0.031		0.031	0.030	0	0.030	0.000	
U 0.0096 0.0076 U 0.0044 U 0.010 U 0.011 U 0.011 U 0.011 U 0.014 U 0.014 U 0.014 U 0.044 U 0.048 U 0.028 U 0.029 U 0.019 U U 0.017 0.014 U 0.018 U 0.018 U 0.019 U 0.014 U <td>0.01</td> <td>L</td> <td>0.012</td> <td>0.0096</td> <td>n</td> <td>9600.0</td> <td>0.013</td> <td>n</td> <td>0.013</td> <td>0.026</td> <td>7</td> <td>0.014</td> <td>1.5</td> <td></td> <td>0.013</td> <td>0.0004</td> <td></td>	0.01	L	0.012	0.0096	n	9600.0	0.013	n	0.013	0.026	7	0.014	1.5		0.013	0.0004	
U 0.042 0.034 U 0.044 U 0.048 U 0.048 U 0.044 U 0.044 U 0.048 U 0.018 U 0.019 U 0.020 U 0.020 U 0.020 U 0.019 U 0.019 U 0.019 U 0.019 U 0.019 U 0.019 U 0.020 U 0.021 U 0.022 U 0.024 U 0.034 U 0.034 </td <td>6000</td> <td></td> <td>9600.0</td> <td>0.0076</td> <td>n</td> <td>0.0076</td> <td>0.010</td> <td>ס</td> <td>0.010</td> <td>0.011</td> <td>))</td> <td>0.011</td> <td>0.077</td> <td>7</td> <td>0.011</td> <td>0.0000</td> <td></td>	6000		9600.0	0.0076	n	0.0076	0.010	ס	0.010	0.011))	0.011	0.077	7	0.011	0.0000	
U 0.017 0.014 U 0.024 U 0.024 U 0.024 U 0.024 U 0.024 U 0.024 U 0.026 U 0.027 U 0.027 U 0.027 U 0.022 U 0.032 U 0.032 U 0.032 </td <td>D 04</td> <td>_</td> <td>0.042</td> <td>0.034</td> <td>n</td> <td>0.034</td> <td>0.044</td> <td>n</td> <td>0.044</td> <td>0.048</td> <td>ב</td> <td>0.048</td> <td>0.047</td> <td>0</td> <td>0.047</td> <td>0.030</td> <td></td>	D 04	_	0.042	0.034	n	0.034	0.044	n	0.044	0.048	ב	0.048	0.047	0	0.047	0.030	
U 0.017 0.014 U 0.018 U 0.024 U 0.024 U 0.024 U 0.024 U 0.026 U 0.026 U 0.025 U U 0.015 U 0.012 U 0.013 U 0.014 U 0.017 U 0.017 U 0.017 U 0.014	100	1	0.017	0.014	ח	0.014	0.018	n	0.018	0.020	ח	0.020	0.019	0	0.019	0.012	1
U 0.023 0.018 U 0.024 U 0.024 U 0.026 U 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U 0.017 U 0.014 U 0.018 U 0.018 </td <td>0.01</td> <td>\perp</td> <td>0.017</td> <td>0.014</td> <td>n</td> <td>0.014</td> <td>0.018</td> <td>n</td> <td>0.018</td> <td>0.019</td> <td>5</td> <td>0.019</td> <td>0.019</td> <td>0</td> <td>0.019</td> <td>0.012</td> <td>1</td>	0.01	\perp	0.017	0.014	n	0.014	0.018	n	0.018	0.019	5	0.019	0.019	0	0.019	0.012	1
U 0.012 U 0.012 U 0.016 U 0.016 U 0.016 U 0.016 U 0.016 U 0.017 U 0.017 U 0.014 U 0.018 U	000		0.003	0.018		0.018	0.024	ה	0.024	0.026	ח	0.026	0.025		0.025	0.016	
U 0.013 U 0.021 U 0.014 U 0.021 0.021 0.021 0.021 0.023 0.024 U 0.017 U 0.017 U 0.017 U 0.017 U 0.018 U <th< td=""><td>20.0</td><td></td><td>0.015</td><td>0.012</td><td></td><td>0.012</td><td>0.016</td><td>n</td><td>0.016</td><td>0.13</td><td>7</td><td>0.017</td><td>0.017</td><td>ח</td><td>0.017</td><td>0.010</td><td></td></th<>	20.0		0.015	0.012		0.012	0.016	n	0.016	0.13	7	0.017	0.017	ח	0.017	0.010	
U 0.015 U 0.017 U 0.018 U 0.021 U	000		0.012	0.0097	5	0.0097	0.013	n	0.013	0.014	ח	0.014	0.014	ח	0.014	0.0086	5 :
U 0.016 0.013 U 0.013 U 0.014 U 0.018 U 0.024 U 0.032 U 0.035 U 0.035 U 0.035 U 0.035 U 0.034 U U 0.011 U 0.012 U 0.012 U 0.013 U 0.013 U 0.013 U 0.013 U 0.021 U 0.021 U 0.021 U 0.020 U 0.020 U 0.020 U 0.020 U 0.021	0.0		0.000	0.015	10	0.015	0.020	n	0.020	0.30		0.021	0.39		0.021	0.013	5
U 0.036 U 0.035 U 0.035 U 0.034 U U 0.030 0.024 0.032 U 0.012 U 0.013 U 0.021 U 0.021 U 0.020 U	2,0		0.016	0.013		0.013	0.017		0.017	0.018	n	0.018	0.018	ם	0.018	0.011	5
U 0.014 0.0092 U 0.0092 0.015 U 0.013 U 0.013 U 0.013 U U 0.018 0.015 U 0.019 U 0.019 U 0.019 U 0.021 U 0.021 U 0.020 U U 0.018 U 0.019 U 0.019 U 0.021 U 0.020 U U 0.018 U 0.019 U 0.019 U 0.021 U 0.020 U U 0.018 U 0.019 U 0.019 U 0.021 U 0.020 U U 0.036 U 0.036 U 0.036 U 0.051 U 0.051 U 0.021 U 0.020 U 0.020 <t< td=""><td>0.0</td><td></td><td>טבטיט</td><td>0.024</td><td></td><td>0.024</td><td>0.032</td><td></td><td>0.032</td><td>0.035</td><td>כ</td><td>0.035</td><td>0.034</td><td>ח</td><td>0.034</td><td>0.021</td><td>5</td></t<>	0.0		טבטיט	0.024		0.024	0.032		0.032	0.035	כ	0.035	0.034	ח	0.034	0.021	5
U 0.018 0.015 U 0.019 U 0.021 U 0.021 U 0.020 U U 0.018 0.014 0.019 U 0.019 U 0.021 U 0.021 U 0.020 U U 0.018 U 0.036 U 0.036 U 0.021 U 0.021 U 0.020 U U 0.045 0.047 U 0.047 U 0.045 U 0.051 U 2.2 U U 0.047 U 0.047 U 0.045 U 4.191 U 4.191 U	0.0		0.000	CB00 0	=	0.0092	0.012		0.012	0.013	Π	0.013	0.013	כ	0.013	0.0081	5
U 0.018 0.014 0.019 U 0.021 0.021 0.022 U 0.022 U 0.024 0.024 0.024 0.024 0.024 0.024 0.024	200		2000	0.015		0.015	0.019		0.019	0.021	ח	0.021	0.020	ח	0.020	0.013	ב
U 0.018 0.024 0.036 U 0.036 <td>0.0</td> <td></td> <td>0.0.0</td> <td>0.014</td> <td></td> <td>0.014</td> <td>0.019</td> <td></td> <td>0.019</td> <td>0.021</td> <td>n</td> <td>0.021</td> <td>0.020</td> <td>ח</td> <td>0.020</td> <td>0.013</td> <td>ח</td>	0.0		0.0.0	0.014		0.014	0.019		0.019	0.021	n	0.021	0.020	ח	0.020	0.013	ח
0 0.045	0.0	5	0.010	9200	1	0.036	0.047		0.047	0.15	٦	0.051	2.2		0.050	0.032	
	0.0		0.045	000.0		2000	0			0.796			4.191			0	
7.60		5			1	1		1			-						

New York		Soil 50		Soil 250		Soil 50		Soil 50		Soil 50
NO NO NO NO NO NO NO NO		mg/kg		mg/kg		mg/kg	ı	mg/kg		mg/kg
1		MDL				MDL		MDL		MDL
U C0005 C0005 U C0005 C0005 U C0005 U<		0.007				0.0061		0.0066		900.0
U C0000000 C01465 U C010000 C01000 C010000 C01000 C010000 C010000 <td></td> <td>0.018</td> <td></td> <td></td> <td></td> <td>0.016</td> <td></td> <td></td> <td></td> <td>0.015</td>		0.018				0.016				0.015
U 0.0028 0.0029 U 0.0039 U 0.0049 U 0.0048 U 0		0.0092			Ц	0.0081				0.008
U 0.0015 U 0.0025 U 0.0026		0.021				0.019				0.018
U 0.00581 0.00581 0.00583 0.0		0.015				0.003				0.000
U 0.0045 0.025		0.0099			1	0.0007				0.0000
U 0.0224 0.122 U 0.0234 0.0245 0.0246		0.038				0.034				0.030
U 0.0231 0.11 bl U 0.0231 0.12 bl U 0.0231 U 0.0232 U 0.0232 U 0.0232 U 0.0232 U 0.0332 U 0.0332 U 0.0332 U 0.0332 U 0.0332		0.045	_			0.039				0.039
U 0.0223 0.11 0.0209 0.0122 0.0223 0.0224		0.031				0.027				0.027
U 0.0267 0.0470 U 0.0471 U 0.0471 U 0.0471 U 0.0471 U 0.0471 U 0.0472 U 0.0473 U 0.0473 U 0.0473 U 0.0473 U 0.0473 U 0.0474 U 0.0475 U 0.0474 U 0.0475 U 0.0475 U 0.0474 U 0.0475 U 0.0475 U 0.0476 U 0.0476 U 0.0476 U 0.0476 U 0.0476 U 0.0476 U 0		0.023				0.020				0.020
U 0.0057 0.0477 0.0473 0.00585 0.00491 U 0.0041 U 0.00491		0.021				0.019				0.018
U 0.075 U 0.075 U 0.075 U 0.075 U 0.075 U 0.023 U		7600.0				0.0085	4			0.0084
U 0.026 0.13 U 0.028 U 0.025 U 0.024 U 0.024 U 0.025 U 0.026 U 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U 0.026 U 0.026 </td <td></td> <td>0.015</td> <td></td> <td></td> <td></td> <td>0.013</td> <td></td> <td></td> <td></td> <td>0.013</td>		0.015				0.013				0.013
U 0.026 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.029 0.028 0.028 0.028 0.028 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.038 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.028 0.048 0.		0.026				0.023				0.023
U 0.056 0.028 U 0.046 U 0.048 U 0.058 U 0.048 U 0.048<		0.26				0.23				0.23
Ú 0.11 0.54 U 0.049 U 0.048 U 0.019 U 0.038 U 0.048 U 0.058 U 0.028 U 0.038 U 0.038 <td></td> <td>0.056</td> <td></td> <td></td> <td></td> <td>0.049</td> <td></td> <td></td> <td></td> <td>0.049</td>		0.056				0.049				0.049
U 0.330 (1.5) U 0.45 U 0.26 U 0.28 U 0.28 U 0.28 U 0.28 U 0.28 U 0.087 U 0.078 U 0.087 U 0.087 U 0.078 U 0.087 U 0.078		0.11				0.097				0.096
U 0.0053 0.086 0.0445 0.00681 U 0.0087 U 0.0087 U 0.0088 U 0.0098 U 0.0098 U 0.0098 U 0.0098 U 0.0098 U 0.0098 U 0.0078 U 0.0078 U 0.0079 U		0.00				0.26				0.26
U 0.0220 0.014 0.025 0.014 0		0.00			L	0.0081				0.008
U 0.002 0.014 0.015 0.016 <		0.0030			1	0.00				0.019
U 0.004 0.018 U 0.0056 U 0.0056 <th< td=""><td></td><td>0.022</td><td></td><td></td><td></td><td>0.013</td><td></td><td></td><td></td><td>0.018</td></th<>		0.022				0.013				0.018
U 0.0054 0.034 0.0356 U 0.0056 U 0.0057 U 0.0078 <	1	0.020				0.010				0.012
U 0.0024 0.0031 U 0.0041 U 0.0041 U 0.0041 U 0.0042 0.0043 U 0.0042 0.0043 U 0.0043 U 0.0043 U 0.0044 U 0.0041 U 0.0047 U 0.0048 U 0.0048 U 0.0048 U 0.0048 U 0.0048 U 0.0049 U 0.0048 U 0.0049 U 0.0048 U 0.0049 U 0.0048 U 0.0049 U		10000		5 0		0.0056			L	0.0055
U 0.0221 0.011 U 0.0231 U 0.0221 U 0.021 U 0.021 U 0.021 U 0.021 U 0.016 0.016 U 0.016		0.0004				0.011				0.011
U 0.0088 0.0423 U 0.018 U 0.0078 U 0.0079 U 0.0079 <td></td> <td>210.0</td> <td>\perp</td> <td></td> <td></td> <td>0.020</td> <td>L</td> <td></td> <td></td> <td>0.019</td>		210.0	\perp			0.020	L			0.019
U 0.0088 0.0088 0.0088 0.0088 0.0008 0.0008 0.0008 0.0008 0.0008 0.0008 0.0008 0.0008 0.0008 0.0008 0.0008 0.0008 0.0008 0.0009		0.022				0.017	L			0.016
U 0.0024 0.0034 0.0035 0.0036 0.0101	1	80000		5 0		0.0078				0.0076
U 0.021 0.035 U 0.036 0.017 U 0.019 U 0.017 U 0.010 U 0.017 U </td <td></td> <td>0.000</td> <td></td> <td></td> <td></td> <td>0.0095</td> <td></td> <td></td> <td></td> <td>0.0094</td>		0.000				0.0095				0.0094
U 0.021 0.025 0.025 0.019 U 0.018 U 0.0					L	0.017	L			0.017
U 0.014 0.084 0.087 0.016 U 0.016 U 0.016 U 0.016 U 0.017 U 0.018 U 0.023 U 0.035 U 0.0						0.018				0.018
U 0.016 0.026 0.021 U 0.023 U 0.035 U </td <td>1</td> <td></td> <td></td> <td>-</td> <td></td> <td>0.016</td> <td></td> <td></td> <td></td> <td>0.015</td>	1			-		0.016				0.015
U 0.0214 0.0223 0.0224				5 6	Ų.	0.010				0.012
0.0086 0.014 0.025 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0076 0.0076 0.0076 0.0076 0.0076 0.0076 0.0076 0.0076 0.0076 0.0076 0.0076 0.0076 0.0076 0.0076 0.0076 0.0077 0.0077 0.0077 0.0076 <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.021</td> <td></td> <td></td> <td></td> <td>0.021</td>						0.021				0.021
J 0.0086 0.17 J 0.002 0.0036 0.0036 0.0081 0 0.0081 0 0.0037 U U 0.0086 0.018 U 0.033 U 0.033 U 0.035 U 0.014 U <				١		0.005				0.0093
U 0.038 0.015 U 0.045 U 0.044 U 0.014 U 0.015 U 0.014 U 0.014 U 0.015 U 0.014 U 0.014 </td <td>1</td> <td></td> <td></td> <td></td> <td>L</td> <td>0.0076</td> <td></td> <td></td> <td></td> <td>0.0074</td>	1				L	0.0076				0.0074
U 0.015 0.076 U 0.076 U 0.014 U 0.014 U 0.014 U 0.014 U 0.015 U 0.015 U 0.015 U 0.014 U 0.014 </td <td></td> <td></td> <td>L</td> <td></td> <td>L</td> <td>0.033</td> <td></td> <td></td> <td></td> <td>0.033</td>			L		L	0.033				0.033
U 0.015 0.075 U 0.075 U 0.018 U 0.018 U 0.019 U 0.019 </td <td></td> <td></td> <td></td> <td>0</td> <td></td> <td>0.014</td> <td></td> <td></td> <td></td> <td>0.013</td>				0		0.014				0.013
U 0.015 0.016 0.018 0.0			L			0.013				0.013
U 0.013 0.055 0.012 0.012 0.013 0.013 0.013 0.013 0.013 0.013 0.013 0.013 0.014 0.016 0 0.017 0 0.014 0 0.015 0 <t< td=""><td></td><td></td><td></td><td></td><td>1</td><td>0.018</td><td></td><td></td><td></td><td>0.018</td></t<>					1	0.018				0.018
U 0.011 0.054 U 0.0096 U 0.0096 U 0.0096 U 0.0096 U 0.0096 U 0.0016 U 0.016 U 0.016 U 0.015 U U 0.017 1.4 0.082 0.015 U 0.016 U 0.016 U 0.016 U 0.015 U U 0.027 0.037 0.013 U 0.024 U 0.024 <td< td=""><td></td><td></td><td>1</td><td>C</td><td></td><td>0.012</td><td></td><td></td><td></td><td>0.012</td></td<>			1	C		0.012				0.012
U 0.017 1.4 0.082 0.015 U 0.016 U 0.016 U 0.016 U 0.016 U 0.016 U 0.015 U U 0.014 0.071 0.071 0.013 U 0.024 U 0.024 U 0.024 U 0.024 U 0.026 U 0.026 U 0.024 U 0.024 U 0.026 U 0.026 U 0.024 U 0.026 U 0.028 U 0.028 U 0.018 U 0.018 U 0.014 U 0.014 U 0.014 U	_		1		L	9600.0			1	0.0094
U 0.014 0.071 U 0.013 U 0.014 U 0.024 U 0.024 U 0.024 U 0.024 U 0.024 U 0.026 U 0.024 U 0.024 U 0.026 U 0.024 U 0.026 U 0.024 U 0.026 U 0.028 U 0.008 U 0.014 U 0.014 </td <td>L</td> <td></td> <td></td> <td>0</td> <td></td> <td>0.015</td> <td></td> <td></td> <td></td> <td>0.015</td>	L			0		0.015				0.015
U 0.027 0.13 U 0.13 U 0.024 U 0.024 U 0.024 U 0.024 U 0.026 U 0.026 U 0.026 U 0.026 U 0.0087 U 0.0089 U 0.0097 U 0.0097 U 0.0089 U 0.014 U 0.015 U 0.014 U 0.014 U 0.015 U 0.014 U 0.014 U 0.014 U 0.014 0.014 U 0.014			L			0.013				0.013
U 0.016 0.051 U 0.0091 U 0.0091 U 0.0097 U 0.0097 U 0.0099 U 0.0099 U 0.0099 U 0.0044 U 0.014 U 0.014 U 0.014 U 0.015 U 0.014 U 0.014 U 0.015 U 0.014 U 0.014 U 0.014 U 0.015 U 0.014 U 0.014 U 0.014 U 0.015 U 0.014 U 0.014 U 0.015 U 0.014 U 0.014 U 0.015 U 0.014 U 0.014 0.014 U 0.014						0.024				0.024
U 0.016 0.080 U 0.014 U 0.014 U 0.015 U 0.015 U 0.014 U U 0.016 0.080 U 0.080 0.014 U 0.015 U 0.015 U 0.015 U 0.015 U 0.014 U 0.015 U U 0.015 U U 0.015 U U U U	1			٦	L	0,0091	L			0.0089
U 0.016 0.080 U 0.014 U 0.015 U 0.015 U 0.014 U U 0.040 2.0 0.20 0.035 U 0.035 U 0.038 U 0.038 U 0.035 U E-77 0.029 0.029 0.035 U 0.038 U 0.038 U 0.035 U						0.014				0.014
U 0.040 2.0 0.20 0.035 U 0.035 U 0.038 U 0.038 U 0.038 U 0.035 U 6.77 6.77 0.029 0.029 0.039 0.038 0.038 0.038 0.038 0.035 0						0.014				0.014
0 0.040 0.02				5	45	0.035				0.035
620.0			0.72	0.20		2000			1	
	0.034		0.77		0.029					

Third Control Third Contro	DNREC SIRS	8	20-101-101-00 00-10-101-101-00		780	460 86062.3		460-86962-4	460-86962-41		460-	460-86962-5		460-8	460-86962-6	1
Separate Control Con	creening Levels	11/19/7	460-66962-2 114 16:00:00	1112	20/2014	11:00:00	11/19	72014	18:50:00	11/19	1/2014	09:10:00	11/19/	/2014 09	1:50:00	
The color of the	July 2014		Soil			Soil			Soil			Soil			Soil	11
Column C	1978		+			-			10			2			2.	1
Colored Colo	mg/kg	1.		31.000	c	mg/kg	HISON	0	IUB/kg	Recult	0	MOLI	Result	0	MDLI	1
COUNTY C		0.0		Result	3	MCL	Nesour	3	1015	incoll	3			1		
COUNTY U COUNTY C COUNTY	4.7			0.028		0.028	0.31	5	0.31	0.33	-	0.059	0.061	ח	0.061	
0.00320 U 0.00330 U <th< td=""><td>4.9</td><td></td><td></td><td>0.014</td><td></td><td>0.014</td><td>0.15</td><td>5</td><td>0.15</td><td>0.028</td><td>ם</td><td>0.028</td><td>0.029</td><td>n :</td><td>0.029</td><td></td></th<>	4.9			0.014		0.014	0.15	5	0.15	0.028	ם	0.028	0.029	n :	0.029	
0.00341 U 0.00341 U <th< td=""><td>620</td><td></td><td></td><td>0.033</td><td></td><td>0.033</td><td>0.36</td><td>ח</td><td>0.36</td><td>0.068</td><td>5</td><td>0.068</td><td>0.071</td><td>n i</td><td>0.071</td><td>1</td></th<>	620			0.033		0.033	0.36	ח	0.36	0.068	5	0.068	0.071	n i	0.071	1
0.00738 U 0.00788 0 0.00789 0 0.00789 0 0.0585 U 0.0585	6.2			0.0094		0.0094	0.10	ס	0.10	0.020	ח	0.020	0.020	5	0.020	1
COURTY COUNTY C	18			0.0078		0.0078	0.085	5	0.085	0.016	3	0.016	0.017	5 2	0.017	I
COURSE UL OUTSE COURSE UL OUTSE COURSE UL OUTSE UL	120			0.073		0.073	0.79	5	0.79	0.15	5	0.15	0.16	5 :	0.16	1
ODIS U ODIS	12			0.25		0.25	2.7	ב	2.7	0.52	ם	0.52	0.54	5	0.54	1
0.0151 U 0.0168 U 0.0078 U 0.0168 U 0.0078 U 0.0077 U 0.0078 U 0.0077 U 0.0078 U 0.0077 U 0.0077 U 0.0078 U 0.0078 U 0.0078 U 0.0077 U 0.0078 U	1.7			0.013		0.013	0.14	5	0.14	0.027	ב	0.027	-0.028	5 :	0.028	1
0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0075 0.0077 0.0078 0.0078 0.0078 0.0078<	0.36			0.018		0.018	0.19	5	0.19	0.037	5	0.037	0.038	5	0.038	1
0.0084 0.0084 0.0084 0.0084 0.0084 0.0084 0.0084 0.0084 0.0084 0.0081 U 0.0084 0.0087 U 0.0084 0.0081 U 0.0084 0.0081 U 0.0084 0.0081 U 0.0084 </td <td>630</td> <td></td> <td></td> <td>0.0075</td> <td></td> <td>0.0075</td> <td>0.081</td> <td>5</td> <td>0.081</td> <td>0.016</td> <td>5</td> <td>0.016</td> <td>0.016</td> <td>5 :</td> <td>0.016</td> <td></td>	630			0.0075		0.0075	0.081	5	0.081	0.016	5	0.016	0.016	5 :	0.016	
0.0073 U 0.0073 U 0.0074 0.012 U 0.016 0.024 J 0.035 J	39			0.0084		0.0084	0.091	ח	0.091	0.017	5	0.017	0.018	5	0.018	-
0.014 U 0.015 U 0.023 U 0.023 </td <td>新加加</td> <td></td> <td></td> <td>0.0073</td> <td></td> <td>0.0073</td> <td>0.12</td> <td>7</td> <td>0.079</td> <td>0.24</td> <td>7</td> <td>0.015</td> <td>0.12</td> <td>7 :</td> <td>0.010</td> <td>1</td>	新加加			0.0073		0.0073	0.12	7	0.079	0.24	7	0.015	0.12	7 :	0.010	1
0.011 U 0.011 D.011 U 0.011 U 0.011 U 0.012 U 0.023	310			0.014		0.014	0.16	=	0.16	0.030	5	0.030	0.031	5 =	0.031	
0.011 U 0.0027	. 91			0.011		0.011	0.12	5	0.12	0.023	5	0.023	0.024	5 =	0.024	
0.0059 0	NA			0.011	4	0.011	0.12		0.12	0.023		0.023	0.024	=	0.027	
0.0088 U 0.0088 0.0088 U 0.0089 U 0.001 U 0.002	1.2			0.037		0.037	0.40	5	0.40	0.000		0000	1000) =	0.024	
0.0088 U 0.0088 0.0088 U 0.0088 0.0048 U 0.0010 0.010	NA			0.0098		0.0098	0.0	1	0.1.0	0.020	5 =	0.020	0.021	=	0.19	
0.0140 0.0141 0.0141 0.0141 0.0141 0.0151 0.0152 0	0.49			0.088		0.088	0.90	1	0.30	0.10	5=	0.00	0.00	=	0.023	
10,000 1	NA CITY			0.010		0.010	0.0	5 =	1.0	0.022		0.022	0.031	0 0	0.031	
0.0088	620			0.014		40.000	2000	=	0.000	0.018	=	0.018	0.018	5	0.018	
1,000 1,00	2.7			0.0082		0.0000	0.032	=	0.11	0.021	10	0.021	0.021	ח	0.021	
0,0028 U 0,0168 U 0,0168 U 0,0168 U 0,0168 U 0,0178 U 0,	N			0000		0000	0 098	=	0.098	0.019	7	0.019	0.019	5	0.019	
0.016 U 0.017 U 0.018 U 0.018 </td <td>620</td> <td></td> <td></td> <td>0.00</td> <td></td> <td>0.012</td> <td>0.14</td> <td>13</td> <td>0.14</td> <td>0.026</td> <td>n</td> <td>0.026</td> <td>0.027</td> <td>n</td> <td>0.027</td> <td></td>	620			0.00		0.012	0.14	13	0.14	0.026	n	0.026	0.027	n	0.027	
0.008 U 0.008 </td <td>67</td> <td></td> <td></td> <td>0.018</td> <td></td> <td>0.16</td> <td>1.7</td> <td>5</td> <td>1.7</td> <td>0.33</td> <td>ח</td> <td>0.33</td> <td>0.34</td> <td>n</td> <td>0.34</td> <td></td>	67			0.018		0.16	1.7	5	1.7	0.33	ח	0.33	0.34	n	0.34	
0,0005 0,0005<	NA 070			8000		0.008	0.087	5	0.087	0.41	7	0.017	090.0	ſ	0.017	
0.0374 U. 0.0372 0.0372 U. 0.0373 U. 0.034 U. 0.034 U. 0.034 U. 0.034 U. 0.034 U. 0.035 U. 0.035 U. 0.035 U. 0.034 U. 0.031 U. 0.034	2/0	1		0 0085	L	0.0085	3.7	-	0.092	0.072	٦	0.018	0.78		0.018	
COUNTY C	700	1		0.0072		0.0072	0.078	n	0.078	0.015	n	0.015	0.017	7	0.016	
0.015 U 0.016 U 0.16 U 0.16 U 0.16 U 0.021 U 0.031 U 0.031 U 0.035 U 0.026 U 0.026 U 0.026 U 0.026 U 0.026 U 0.026 U 0.026 U 0.026 U 0.026 U 0.026 U 0.027 U	1000			0.031		0.031	1.6	7	0.34	0.83		0.065	0.26	7	0.068	
0.025 U 0.026 U 0.027 U 0.027 U 0.027 U 0.027 U 0.027 U 0.028 U 0.028 U 0.028 U 0.028 U 0.028 U 0.029 U 0.029 U 0.029 </td <td>23</td> <td></td> <td></td> <td>0.01</td> <td></td> <td>0.015</td> <td>0.16</td> <td>n</td> <td>0.16</td> <td>0.031</td> <td>n</td> <td>0.031</td> <td>0.032</td> <td>5</td> <td>0.032</td> <td></td>	23			0.01		0.015	0.16	n	0.16	0.031	n	0.031	0.032	5	0.032	
0.028 U 0.028 U 0.028 13 0.30 1.0 0.057 0.060 U 0.010 U 0.010 U 0.010 U 0.010 24 0.014 0.021 1.8 0.05	6.3 780			0.025		0.025	0.27	D	0.27	0.052	n	0.052	0.055	ח	0.055	
0.010 U 0.010 U 0.010 U 0.010 U 0.010 U 0.011 U 0.014 0.014 0.028 0.027 0.75 1.8 0.013 U 0.013 U 0.014 U 0.015 U 0.027 U 0.027 U 0.022 U 0.022 <t< td=""><td>0.0</td><td>L</td><td></td><td>0.028</td><td></td><td>0.028</td><td>13</td><td></td><td>0:30</td><td>1.0</td><td></td><td>0.057</td><td>090.0</td><td>=</td><td>0.060</td><td></td></t<>	0.0	L		0.028		0.028	13		0:30	1.0		0.057	090.0	=	0.060	
0.013 U 0.013 U 0.013 U 0.013 U 0.013 U 0.014 U 0.015 U 0.021 U 0.021 U 0.022 U 0.0078 U 0.0078 U 0.0078 U 0.014 U <td>0.09</td> <td></td> <td></td> <td>0.010</td> <td></td> <td>0.010</td> <td>26</td> <td></td> <td>0.11</td> <td>0.42</td> <td></td> <td>0.021</td> <td>8.</td> <td>1</td> <td>0.022</td> <td></td>	0.09			0.010		0.010	26		0.11	0.42		0.021	8.	1	0.022	
0.019 U 0.014 U 0.015 U 0.021 U 0.021 U 0.021 U 0.021 U 0.021 U 0.021 U 0.022 U 0.022 U 0.022 U 0.027 U 0.027 U 0.027 U 0.028 U 0.028 U 0.028 U 0.028 U 0.027 U 0.028 U 0.028 U 0.028 U 0.028 U 0.029 U 0.029 U 0.029 U 0.029 U 0.029 U 0.028 U 0.028 U 0.028 U 0.029 U 0.028 </td <td>6.0</td> <td></td> <td></td> <td>0.01</td> <td></td> <td>0.013</td> <td>21</td> <td></td> <td>0.14</td> <td>0.68</td> <td>+</td> <td>0.027</td> <td>0.75</td> <td>+</td> <td>0.020</td> <td></td>	6.0			0.01		0.013	21		0.14	0.68	+	0.027	0.75	+	0.020	
0.014 U 0.014 </td <td>AN</td> <td></td> <td></td> <td>0.01</td> <td></td> <td>0.019</td> <td>28</td> <td>-</td> <td>0.21</td> <td>0.48</td> <td>1</td> <td>0.040</td> <td>6.4</td> <td>1</td> <td>0.04</td> <td></td>	AN			0.01		0.019	28	-	0.21	0.48	1	0.040	6.4	1	0.04	
0.010 U 0.010 U 0.021 U 0.021 U 0.021 U 0.022 U 0.022 U 0.022 U 0.021 U 0.021 U 0.021 U 0.021 U 0.017 U 0.024 U 0.024 </td <td>. 6</td> <td></td> <td></td> <td>10.0</td> <td></td> <td>0.014</td> <td>11</td> <td></td> <td>0.16</td> <td>0.33</td> <td></td> <td>0.030</td> <td>0.15</td> <td>-</td> <td>0.031</td> <td></td>	. 6			10.0		0.014	11		0.16	0.33		0.030	0.15	-	0.031	
0,0078 U 0.0078 U 0.0078 U 0.0078 U 0.014 U 0.016 U 0.016 U 0.017 U 0.013 U 0.013 U 0.013 U 0.014 U 0.014 U 0.027 U 0.027 U 0.028 U 0.013 U 0.014 U 0.014 U 0.014 U 0.027 U 0.028 U 0.022 U 0.022 U 0.021 U 0.021 </td <td>18</td> <td></td> <td></td> <td>0.01</td> <td></td> <td>0.010</td> <td>0.11</td> <td>5</td> <td>0.11</td> <td>0.021</td> <td></td> <td>0.021</td> <td>0.022</td> <td>2 :</td> <td>0.022</td> <td></td>	18			0.01		0.010	0.11	5	0.11	0.021		0.021	0.022	2 :	0.022	
0.013 U 0.013 U 0.014 U 0.14 U 0.14 U 0.14 U 0.027 U 0.028 U 0.13 J 0.010 0.13 J 0.010 0.011 U 0.024 U 0.026 U 0.050 U 0.059 U 0.029 U 0.029 U 0.039 U	0.23			0.007		0.0078	0.085	n	0.085	0.016		0.016	0.017	5	0.017	
0.13 J 0.010 0.13 J 0.010 0.011 J 0.021 U 0.022 U 0.022 U 0.024 U 0.024 U 0.024 U 0.026 U 0.050 U 0.058 U 0.058 U 0.059 U 0.050	38			0.01		0.013	0.14	<u>-</u>	0.14	0.027	5	0.027	0.028	5 :	0.028	1
0.024 U 0.024 U 0.026 U 0.050 U 0.050 U 0.051 U 0.052 U 0.053 U 0.053 U 0.053 U 0.054 U 0.014 U 0.017 U 0.014 U 0.014 </td <td>280</td> <td>0.13</td> <td>J 0.010</td> <td>0.1</td> <td>3 J</td> <td>0.010</td> <td>0.11</td> <td>5</td> <td>0.11</td> <td>0.021</td> <td></td> <td>0.021</td> <td>0.022</td> <td>5 :</td> <td>0.022</td> <td></td>	280	0.13	J 0.010	0.1	3 J	0.010	0.11	5	0.11	0.021		0.021	0.022	5 :	0.022	
0.0082 U 0.0082 U 0.0089 U 0.089 U 0.089 U 0.089 U 0.089 U 0.089 U 0.098 U 0.019 U 0.020 U 0.020 U 0.020 U	3100	L		0.02		0.024	0.26	5	0.26	0.050		0.050	0.00	5 =	0.00	IB
1.0 0.009	NA	0.0082		0.008		0.0082	0.089	ח	0.089	0.017	_	0.017	0.018	5	0.0.0	
0.017 U 0.017 U 0.017 U 0.010	87	0.009		00.00		0.009	16		0.098	1.0		0.019	0.019	5	0.019	3
0.010 U 0.020 U 0.020 U 0.020 U	000	0.017		0.01		0.017	3.6		0.19	0.065	7	0.036	0.54	+	0.037	
0.020 U 0.020 U 0.020 U 0.020 U 0.020 U 0.020 U	7.5	0.010				0.010	0.11		0.11	0.076		0.021	0.022	7	0.022	
	4	, 33			L	10000	0.10		0.10	0.020		0.020	0.0201	5	0.020	

AREC SIRS		SG-	SG-FB1-1114		SG-FB2	FB2-1114		SG	SG-SS03-1114		SG-5	SG-SD03-1114	S	SG-SS02-1114	-1114
sening Levels		46C	460-86962-2		46	460-86962-3			460-86962-4		46(460-86962-5		460-86962-6	9-296
Soils	11/15	9/2014	11/19/2014 16:00:00	11/20	11/20/2014 11	11:00:00	11	/19/2C	11/19/2014 08:50:00	11/1	3/2014	11/19/2014 09:10:00	11/19/2014 09:50:00	014 09	:50:00
July 2014			Soil			Soil			Soil			Soil			Soil
			1			1			10			2			2
ma/ka			mg/kg			mg/kg			mg/kg		7	mg/kg			mg/kg
	Result	ø	MDL	Result	Ø	MDL	Result	II O	MDL	Result	Ø	MDL	Result C	Ø	MDL
			SAMPLE OF STREET	STATE OF STA		F 10 8 3	を は 一般 とうこう		OF PARTY	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	37			1	
6.0	0.022	n	0.022	0.022	n	0.022	22	2	0.24	0.37	-	0.046	5.7		0.048
260	0.0071	ח	0.0071	0.0071	ם	0.0071	7200	7	0.077	0.015	ח	0.015	0.015 L	n	0.015
2	0.0084	5	0.0084	0.0084	5	0.0084	0.26	0	0.091	0.053	7	0.017	0.21	J.	0.018
5.1	0.010	7	0.010	0.010	1	0.010	0.11) D	0.11	0.022	n	0.022	0.023 L	n	0.023
0.076	0.011	5	0.011	0.011	7	0.011	0.12	2	0.12	0.023	n	0.023	0.024 L	n	0.024
110	0.030	5	0.030	0.030	5	0.030	0.33	3 0	0.33	0.062	5	0.062	0.065 L	n]	0.065
0.39	0.040	10	0.040	0.040	5	0.040	0.43	3 0	0.43	0.083	n	0.083	0.087	n	0.087
1000	0.0088	5	0.0088	0.0088	5	0.0088	0.16	5	0.095	6.1		0.018	0.076	ſ	0.019
1800	0.011	n	0.011	0.011	5	0.011	0.12	2 U	0.12	0.022	ח	0.022	0.023 L	ח	0.023
230	0.015	n	0.015	0.015	5	0.015	55	2	0.16	3.2		0.031	0.41	7	0.032
NA	0.13			0.13			211.67	12		19.756			17.433	4	
NA	L*0			1*0			96.4	4		80			12.06		

limits

sort matrix spike recoveries reported are calculated from diluted samples.

MDL and the concentration is an approximate value.

MDL and the concentration is an approximate value.

DNREC SIRS	S	SG-SD01-1114	S	SG-SS05-1114		SG-SD05-1114	SG	SG-SS07-1114	S-9S	SG-SD07-1114
creening Levels		460-86962-9		460-86962-10		460-86962-11	46	460-86962-17	460	460-86962-18
Soils	11/19/2	11/19/2014 10:50:00	11/19/	11/19/2014 11:20:00	11/19	11/19/2014 11:30:00	11/19/20	1/19/2014 14:00:00	11/19/201	11/19/2014 14:10:00
July 2014		Soil		Soil		Soil		Soil		Soil
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		1		1001		1		1		-
ma/ka		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg
0	Result	QI MDL	Result	MDL	Result	Q MDL	Result Q	MDE	Result Q	MDL
			THE REAL PROPERTY.	16.00 人名巴西				名		
6.0	0.13	0.025	53	D 2.5	0.26	0.026	0.024 U	0.024	0.055	0.027
560		U 0.0081	0.81	U 0.81	0.0082	U 0.0082	U 7700.0	0.0077	0.0086 UI	0.0086
\$		9600.0	100	D 0.96	0.21	J 0.0097	0.17 J	0.0091	0.023	0.010
5.1	0.012	U 0.012	1.2	U 1.2	0.012	U 0.012	0.011 U	0.011	0.013 U	0.013
0.076	0.013	U 0.013	1.3	U 1.3	0.013	U 0.013	0.012 U	0.012	0.013 U	0.013
110		U 0.034	3,4	3.4	0.035	U 0.035	0.032 U	0.032	0.036 U	0.036
66 U		U 0.046	4.6	U 4.6	0.046	U 0.046	0.043 U	0.043	0.049 U	0.049
1000	4.4	0.010	250	D 1.0	4.2	0.010	0.016 J	0.0095	0.011 U	0.011
1800	0.012	U -0:012	1.2	1.2	0.013	U . 0.013	0.012 U	0.012	0.013 U	0.013
230	1.1	0.017	210	D 1.7	3.1	0.017	0.016 U	0.016	0.062	0.018
NA	6.742		1394.8		15.623	7	0.263		0.366	
NA	10.72		290		5.15		T*0		0.33	

limits
or matrix spike rec
MDL and the conce
to MDL and the con

NREC SIRS		SG-S	SG-SS03-1114 460-86962-4		460 460	SG-SD03-1114 460-86962-5		460	460-86962-6		46(460-86962-7		460-86962-8	869
Soils Levels	11/1	9/2014	11/19/2014 08:50:00	11/19/2014 09	2014	09:10:00	11/19	/2014	11/19/2014 09:50:00	11/1	9/2014	11/19/2014 10:10:00	11/19	11/19/2014 10:40:00	
July 2014			Soil			Soil			Soil			Soil			
den Road			malka			ma/ka			ma/ka			mg/kg			mg/kg
mg/kg	Result	Ø	MDL	Result	Q	MDL	Result	O	MDL	Result	ø	MDL	Result	a	MDL
		11.0		Same and the same of the same	î	and the second		7							
51200	4050		22.0	688		21.7	3100		21.8	1530		20.8	2520		19.5
3.1	1.5	5	1.5	1.5	ח	1.5	1.5	ח	1.5	1.4	5	1.4	1.3	<u>-</u>	1.3
11	1.2		0.82	0.80	n	0.80	0.81	n	0.81	0.77	n	0.77	0.87	7	0.72
1500	24.3	7	1.7	2.9	7	1.7	18.5	ſ	1.7	4.3	7	1.6	18.7	7	1.5
16	72.0	n	0.27	0.27	ם	0.27	0.27	n	0.27	0.26	5	0.26	0.24	5	0.24
7	0.28	n	0.28	0.28	5	0.28	0.28	N	0.28	0.27	5	0.27	0.25	5	0.25
NA	157	7	76.1	75.2	5	75.2	75.4	In	75.4	72.1	ח	72.1	144	7	67.5
214	4.4		0.80	2.1	-	0.79	3.4		0.79	1.8	7	0.75	3.1	1	0.71
Pε	06:0	5	06:0	0.89	n	0.89	0.89	n	0.89	0.85	ס	0.85	0.80	7	0.80
310	1.8	13	80.	1.7	=	1.7	19.8	-	1.7	1.7	n	1.7	1.6	ח	1.6
74767	2910		24.8	909	-	24.5	1860		24.5	303		23.5	2510		22.0
400	4.4		0.82	0.81	n	0.81	2.8		0.81	1.4		0.77	2.3		0.72
NA.	294	7	66.1	65.3	5	65.3	206	٦	65.4	62.5	D	62.5	198	7	58.6
2100	19.1		0.86	1.1	7	0.85	7.7		0.85	2.2	7	0.81	17.1	-	0.76
150	3.2	7	8.	1.8	5	1.8	1.8	n	1.8	1.7	n	1.7	1.6	ם	1.6
NA	140	7	27.5	32.6	7	27.1	109	٦	27.2	80.2	7	26.0	105	7	24.4
39	1.1		1.1	1.1	5	1.1	1.1	n	1.4	1.1	5	1.1	1.0	<u> </u>	1.0
30	0.39	3	0,39	0.38	Э	0.38	0.38	n	0.38	0.37	5	0.37	0.34	7	0.34
NA	75.2	3	75.2	74.3	5	74.3	74.5	n	74.5	71.2	5	71.2	2.99	ח	99
0.078	2.0	3	2.0	1.9	n	1.9	1.9	n	1.9	1.8	5	1.8	1.7	5	1.7
134	10		0.82	1.4	2	0.81	4.9	٦	0.81	0.93	7	0.78		7	0.73
2300	29.9		1.7	1.7	ח	1.7	5.1	7	1.7	1.6	ח	1.6	3.3	7	1.5
2007															1
April April April	1000 C (1000 C C)			, g		田 地名						200	(1.5) (1.5)		
,00	010		0.013	0.013	5	0.013	0.013	ח	0.013	0.012	ח	0.012	0.013	ח	0.013

DNREC SL MDL and the concentration is an approximate value.

	DNREC SIRS		460-8696	460-86962-11		460-86962-17	52-17		460-86962-18	52-18		460-86962-19
	Soils Soils	11/19	/2014	11/19/2014 11:30:00	11/1	11/19/2014 14:00:00	00:00	11/19	11/19/2014 14:10:00	10:00	11/20	11/20/2014 08:50:00
	July 2014		١	Soil			Soil			Soil		
	ma/ka			mg/kg		u	mg/kg		1	mg/kg		
CAS#		Result	Ø	MDL	Result	o	MDL	Result	a	TGW	Result	a
		CLAC		7 10	0330		24.6	12300		25.7	5490	
7429-90-5	51200	6450	-	7.07	2330	-	21.0	00071	=	40.4	7000	=
7440-36-0	3.1	1.8	5	1.8	1.5	5	1.5	xo.	2	Σ.	0, 0	5
7440-38-2	The second of the second	0.95	n	0.95	1.5		0.80	1.2		0.95	1.3	
7440-39-3	1500	12.1	7	2.0	11.8	ſ	1.7	16.9	7	2.0	19.7	7
7440-41-7	16	0.32	n	0.32	0.27	n	0.27	0.32	n	0.32	0.29	П
7440-43-9		0.33) D	0.33	0.28	n	0.28	0.33	n	0.33	0.30	n
7440-70-2	NA	371	2	88.9	74.8	n	74.8	583	J	88.8	345	٦
7440-47-3	214	5.9	-	0.93	3.7		0.78	12.3		0.93	5.9	
7440-48-4	34	1.0	5	1.0	0.88	n	0.88	1.0	n	1.0	96.0	ח
7440-50-8	310	2.0	n	2.0	3.3	ſ	1.7	3.1	٦	2.0	1.9	D
7439-89-6		2440	-	28.9	2910		24.3	3590		28.9	3680	
7439-92-1	2	4.3	-	0.95	3.2		08.0	8.1		0.95	3.4	
7439-95-4	- 地名	207	7	77.2	216	J	64.9	259	J	77.1	245	7
7439-96-5	27.7	11.6		1.0	25.5		0.84	8.7		1.0	11.5	
7440-02-0		2.1	5	2.1	1.8	n	1.8	2.1	ſ	2.1	1.9	7
7440-09-7	10 m	224	7	32.1	95.3	7	27.0	421	٦	32.1	208	٦
7782-49-2		1.3	5	1.3	1.1	n	1.1	1.3	n	1.3	1.2	ח
7440-22-4		0.45	ח	0.45	0.38	n	0.38	0.45	Π	0.45	0.41	5
7440-23-5	The state of	87.9	7	87.9	73.9	ln	73.9	87.8	n	87.8	80.8	5
7440-28-0		2.3	n	2.3	1.9	n	1.9	2.3	n	2.3	2.1	ם
7440-62-2		6.9	5	0.96	6.4	ſ	0.81	17.8		96.0	9.6	7
7440-66-6		4.3	2	2.0	7.4		1.7	16.0		2.0	7.7	-
			-	1000000					2 6	100		
S.												-
2 70 02 4	100	1700		,,,,,	0.40		0.50	9200		0.015	0.017	_

ons shown in bold type face exceed DNREC SL
se RL but greater than or equal to the MDL and the conce
s was analyzed for but not detected.

reening Levels		460-86962-2	962-27		46U-c	400-00302-20					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	00 00 00	100.44	0 7 7 700	100-00000	
Groundwater Into 2014	11/21/	11/21/2014 09:00:00 Water	9:00:00 Water	11/21	/2014	11/21/2014 10:30:00 Water	11/2	/2014	11/21/2014 12:00:00 Water	11/2′	/2014	11/21/2014 13:30:00 Water	11//11	11/21/2014 10:00:00 Water	Water Water	
out to the			-			1			5			1		П	-	
l/gu	ш		ng/l		1	[/bn		1	l/Bn	1		l/gn	-		∏gn	
	Result	a	MDL	Result	Ø	MDL	Result	a	MDL	Result	g	MDC	Result	o	MDL	
200	0.060	5	0.060	090'0	b	0.060	0.30	ם	0:30	0.060	ם	090.0	090'0	ם	0.060	
0.076		5	0.16	0.16	n	0.16	08.0	n	08:0	0.16	n	0.16	0.16	n	0.16	
5500		n	0.080	0.080	n	080.0	0.40	n n	0.40	0.080	5	0.080	0.080	ח	0.080	
0.041		n	0.19	0.19	n	0.19	0.95	ח	0.95	0.19	ס	0.19	0.19	5	0.19	
2.7	0.13	n	0.13	0.13	n	0.13	0.65	D	0.65	0.13	ח	0.13	0.13	5	0.13	
7	060'0	n	0.090	060'0	ח	060.0	0.45	ס	0.45	060'0	n	0.090	060.0	ח	0.090	
0.4		n	0.34	0.34	n	0.34	1.7	n	1.7	0.34) D	0.34	0.34	וכ	0.34	
0.00033		n	0.40	0.40	n	0.40	2.0	ח	2.0	0.40	=	0.40	0.40	ם	0.40	
0.0075	0.28	n	0.28	0.28	n	0.28	1.4	5	1.4	0.28	ם	0.28	0.28	5	0.28	
30		n	0.21	0.21	D	0.21	1.1	5	1.1	0.21	ם	0.21	0.21	5	0.21	
0.17	0.19	n	0.19	0.19	n	0.19	0.95	ח	0.95	0.19	ם כ	0.19	0.19))	0.19	
0.44	060.0	n	0.090	060.0	n	0.090	0.45	n	0.45	060'0	ח	0.090	0.090	5	0.090	1
NA		n	0.14	0.14	n	0.14	0.70	ם	0.70	0.14	n	0.14	0.14	5	0.14	
0.48	0.23	n	0.23	0.23	n	0.23	1.2	ח	1.2	0.23	n	0.23	0.23		0.23	
560	2.3	n	2.3	2.3	n	2.3	12	5	12	2.3	5	2.3	2.3	ח	2.3	
3.8	0.50	n	0.50	0.50	n	0.50	2.5	5	2.5	0.50	ח	0.50	0.50	5	0.50	
120	0.99	n	0.99	66.0	5	0.99	5.0	5	5.0	0.99	ח	0.99	0.99	5 :	0.99	
1400	2.7	ח	2.7	2.7	5	2.7	13	5	13	2.7	5	2.7	7.7	5	7.7	
0.45	080.0	n	0.080	9.1	1	0.080	27	+	0.40	0.080	5	0.080		+	0.080	
9.2	0.19	5	0.19	0.19	5	0.19	0.95	5	0.95	0.19	5	0.18	0.19	5 =	0.19	I
0.75	0.18	5	0.18	0.18	=	0.18	0.90	5	0.80	0.18	5	0.0	0.0	5 =	0.0	I
81	0.13	ח	0.13	0.13	=	0.13	0.65	5	0.65	0.13	5	0.13	0.13	5 =	21.0	ľ
0.45	090.0	5	0.060	090.0	5	0.060	0.30	5	0.30	nonn 0.0en	5	0.000	0.000	5 =	0.000	
7.8	0.11	5	0.11	0.11	5	11.0	0.55	=	1.05	0.11	5 =	0.11	0.00	5 =	0.20	
0.17	0.20	5 :	0.20	0.20	=	0.20	0. 0	=	28.0	0.20	=	0.17	0.17		0.17	
2100	0.17	5 :	0.17	71.0	5	0.00	0.00	5 =	0.00	0800	=	0800	0.080		0.080	
0.22	0.080	5 :	0.080	0.000	5 =	0.000	0.40	=	2 2	0.00	=	0.10	0 10)=	0.10	
19	0.10	5 :	0.10	0.50	5 =	0.10	00.0	=	00.0	2,0	=	2 2 0	0.18	=	0.18	
3.6	0.70	5 :	0.18	0.0	5 =	0.10	08.0	=	08.0	0.00	=	0.18	0.18) 5	0.18	
NA	0.10	5 :	0.10	0.00	=	0,0	08.0	1=	080	0.16	=	0.16	0.16	 -	0.16	
1300	0.10	=	0.10	0.10	=	0.12	0.60	7	09:0	0.12	ח	0.12	0.12	n	0.12	
0.13	0.12	5 =	0.22	0.22	=	0.22	1.1	5	1.1	0.22	n	0.22	0.22	n	0.22	
1.5	0.10	1 3	0.10	6.0		0.10	30		0.50	0.10	n	0.10	7.5		0.10	
45	0.080		0.080	0.34	7	0.080	3.1	7	0.40	0.080		0.080	0.41	7	0.080	
2000	0.34	n	0.34	0.34	n	0.34	1.7	n	1.7	0.34		0.34	0.34	5	0.34	
10	0.14	n	0.14	0.14	n	0.14	0.70	5	0.70	0.14		0.14	0.14	5	0.14	I
NA	0.14	n	0.14	0.14	n	0.14	0.70	5	0.70	0.14	ח	0.14	0.14	5 :	0.14	1
ın	0.18	ח	0.18	0.18	ח	0.18	06.0	╛	06.0	0.18	ч	0.18	0.18	o	0.18	
100	0.12	n	0.12	22		0.12	4.1	7	09.0	0.12		0.12	52	-	0.12	
	0.10	n	0.10	0.10	n	0.10	0.50	5	0.50	0.10	ח	0.10	0.10		0.10	
110	0.15	n	0.15	20		0.15	33		0.75	0.15		0.15	97,0		0.15	
36	0.13	n	0.13	0.13	ח	0.13	0.65	5	0.65	0.13		0.13	0.13	5 :	0.13	
NA	0.24	n	0.24	0.24	n	0.24	1.2	5	1.2	0.24		0.24	0.24	5	0.24	
0.28	0.090	n	060.0	0.090	ם	0.090	0.45	5	0.45	0.090		0.090	0.090	5 :	0.090	
110	0.15	n	0.15	0.15	5	0.15	0.75	5	0.75	0.15	5	0.15	0.15	5	CL.0	
							0 10									

Company Lange Company Compan	DNREC SIRS	90			2				000	00 00000	00 0000000	0001	00 0000		4000	ACO 00000 24
Trick Control Contro	d Levels	7	160-869(52-27	1410	싫	5962-28	14/04	450-8	9392-29	1112	7014	13-30-00	11/2	72014	0:00:00
The color of the	water	7/17/11	014 083	Union Vinter	11/2	=	Mater	11711	1	Water	2		Water			Water
Figure F	914			Vale:			vaioi 2		1	5			-			2
Figure Colored Milesonia Milesonia Colored Milesonia Colored Milesonia	-			/on			l/6n		l	I/6n			Ngu			l/gu
1. 1. 1. 1. 1. 1. 1. 1.				MDL	Result	ø	MDL	Result	a	MDL	Result	a	MDL	Result	Ø	MDL
The color of the	2	4		00	6.3	7	3.6	22	-	9.6	1.9	ח	1.9	5.9	J	3.6
1.0	2 9			1.3	2.6	n	2.6	8.9	5	6.8	1.4	n	1.4	2.6	n	2.6
14 1 14 28 1 28 28		_		2.2	4.4	ח	4.4	11	ח	11	2.3	n	2.3	4.4	n	4.4
11 1 1 1 2 2 0 2 2 6 7 0 6 7 1 0 1 1 1 2 1 2 0 2 0 0 0 0 0 0 0	-			1.4	2.8	n	2.8	7.3	ם	7.3	1.5	n	1.5	2.8	ח	2.8
12 12 12 12 14 14 15 16 16 15 15 15 15 15				1.1	2.2	n	2.2	5.7	n	5.7	1.1	n	1.1	2.2	5	2.2
10 10 10 10 10 10 10 10			15	1.2	2.4	n	2.4	6.3	n	6.3	1.3	5	1.3	2.4		2.4
Color Colo			<u></u>	2.0	4.0	n	4.0	10	ㅋ	10	2.1	5	2.1	4.0	ם כ	4.0
1.00 1.00	14		n n	0.28	0.56	n	0.56	1.5	5	1.5	0.29	5	0.29	0.56	5 :	0.56
1. 1. 1. 1. 1. 1. 1. 1.	48		0	0.27	0.54	n	0.54	1.4	5	1.4	0.28	5	0.28	0.54	5	0.54
1.0 1.0	5		n	1.3	2.6	ם	2.6	8.9	5	8.9	1.4	5	1.4	7.0	5 =	0.Y
1.5 U 1.6	1	11	U.	0.93	1.9	ם	1.9	4.8	5	4.8	0.97	5	0.97	5.1	-11	. c
14 U 14 28 U 2.6 U 15 U U U U U U U U U	9		U.	1.5	51		3.0	150	-	7.8	1.6	5	1.6	47	- 1	3.0
2.0 U 2.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 0.71 0.21 0.21 4.0 0.7 4.0 0.7 4.0 0.7 4.0 0.7 4.0 0.7 4.0 0.7 4.0 0.7 <td>3</td> <td></td> <td>0</td> <td>1.4</td> <td>2.8</td> <td>n</td> <td>2.8</td> <td>7.3</td> <td>ם</td> <td>7.3</td> <td>1.5</td> <td>5</td> <td>1,5</td> <td>2.8</td> <td>- 1</td> <td>7.8</td>	3		0	1.4	2.8	n	2.8	7.3	ם	7.3	1.5	5	1,5	2.8	- 1	7.8
0.68 U 0.68 1.4 U 1.4 U 3.5 U 0.71 U 0.72 U	6		n	2.0	4.0	n	4.0	10	5	10	2.1	5	2.1	4.0	-1	0.4
3.2 U 3.2 6.4 U 6.4 17 U 17 3.3 U 3.3 6.4 U 5.6 3.0 U 2.2 6.8 U 6.0 U 6.0 U 6.0 U 6.0 U 5.0 U 3.0 U 3.0 U 3.0 U 3.0 U 5.0 U	A		n	0.68	1.4	n	1.4	3.5	n	3.5	0.71	5	0.71	4.	- 1	4.
2.9 U 2.9 C 2.9 C S U 5.8 U 5.7 U 5.7 U 5.7 U 5.7 U 1.1 U 1.1 D 2.2 U 5.2 U 5.7 U 1.1 U 1.1 D 2.2 U 5.2 U 5.7 U 1.1 U 1.1 D 1.1 D 2.2 U 5.2 U 5.7 U 1.1 U 1.1 D 1.1 D <td>12</td> <td></td> <td>n </td> <td>3.2</td> <td>6.4</td> <td>ח</td> <td>6.4</td> <td>17</td> <td>5</td> <td>17</td> <td>3.3</td> <td>5</td> <td>3.3</td> <td>6.4</td> <td>-1</td> <td>4.0</td>	12		n	3.2	6.4	ח	6.4	17	5	17	3.3	5	3.3	6.4	-1	4.0
11 11 12 12 12 13 14 14 14 14 14 14 15 14 15 14 15 14 15 14 15 15	A		n	2.9	5.8	ם	5.8	15	5	15	3.0	5	3.0	0 0	- 1	0 0
11 U 11 22 U 22 E C U E C C C C C C C C C	15		n	3.0	6.0	ם	6.0	16	5	16	3.1	5 =	3.1	0.0	- 1	2.0
11 U 1.1 U U U U U U U U U	A		ח	1.1	2.2	5	2.2	5.7	5	5.7	1.1	5 =	- 7	2.2	ш	2.7
0.32 U 0.32 U 0.32 U 0.32 U 0.32 U 0.33 U 0.34 U 0.04 U 0.05 T.I U 1.0 U	40		ב	1.1	2.2	5	2.2	5.7	5	20.0	- 000	0 3	0.32	2.2	1	0.84
15 U 1.0 1.0 2.0 3	36		בוכ	0.32	0.64	5 =	0.64	1.0	5 =	7.0	2000	5 =	200	0.0	1	3.0
1.0 1.0 2.0 2.0 4.0 4.0 4.0 10 10 10 10 10 10 10	A		5	υ,	3.0	5 =	0.0	0.7	=	5.2		=	10	2.0	1	2.0
2.3 U 2.3 4.0	06		5 =	0.0	Z. Z.	5 =	0, 00	15	=	15.	3.0	ח	3.0	5.8		5.8
2.0 0 2.0 4.0 1.1 4.1 1.1 0 0	20		5 :	6.9	0.0	5 =	0 0	4	=	40	21	=	2.1	4.0		4.0
1.1 0 1.1 0 1.1 0 1.1 0 1.2 3.6 9.2 9.4 1.9 1.9 1.9 2.1 3.6 3.6 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.93 0 0.93 0 0.93 0 1.7 1.7 1.7 8.6 0 4.4 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 0.89 0 <	\$ 9		5 =	4.4	4.0	-	0.4	2 20	+	5.7	1-1	10	1.1	3.9		2.2
0.89 U 0.89 1.8 4.6 0.9 4.6 0.93 U 0.89 2.1 1.7 1.8 1.7 8.6 J 4.4 0.89 U 0.89 4.0 1.7 1.7 8.6 J 4.4 0.89 U 0.89 4.0 J 1.7 1.7 8.6 J 4.4 0.89 U 0.89 U 0.89 U 0.89 U 0.89 U 0.89 4.0 J 1.7 0.15 U 0.21 U 2.0 0.2 U 2.0 U <td>50</td> <td></td> <td></td> <td>- 0 7</td> <td>22</td> <td>+</td> <td>3 8</td> <td>60</td> <td>-</td> <td>9.4</td> <td>9.1</td> <td>n</td> <td>1.9</td> <td>21</td> <td></td> <td>3.6</td>	50			- 0 7	22	+	3 8	60	-	9.4	9.1	n	1.9	21		3.6
0.03 0.03 <th< td=""><td>¥ 8</td><td></td><td>0 =</td><td>0.0%</td><td>1 00</td><td>-</td><td>200</td><td>4.6</td><td>1</td><td>4.6</td><td>0.93</td><td>ח</td><td>0.93</td><td>2.1</td><td>٦</td><td>1.8</td></th<>	¥ 8		0 =	0.0%	1 00	-	200	4.6	1	4.6	0.93	ח	0.93	2.1	٦	1.8
1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 2.00 <th< td=""><td>000</td><td>0.03</td><td></td><td>0.85</td><td>4.6</td><td>-</td><td>1.7</td><td>8.6</td><td>7</td><td>4.4</td><td>68.0</td><td>n</td><td>0.89</td><td>4.0</td><td>ſ</td><td>1.7</td></th<>	000	0.03		0.85	4.6	-	1.7	8.6	7	4.4	68.0	n	0.89	4.0	ſ	1.7
2.1 4.2 <td>000</td> <td></td> <td>)=</td> <td>1.0</td> <td>2.0</td> <td>n</td> <td>2.0</td> <td>5.2</td> <td>ח</td> <td>5.2</td> <td>1.0</td> <td>n</td> <td>1.0</td> <td>2.0</td> <td></td> <td>2.0</td>	000)=	1.0	2.0	n	2.0	5.2	ח	5.2	1.0	n	1.0	2.0		2.0
0.18 0 0.18 0 0.36 0 0.36 0 0.36 0 0.36 0 0.36 0 0.36 0 0.36 0 0.38 0 0.38 0 0.36 0 0.36 0 0.36 0 0.36 0 0.36 0 0.36 0 0.36 0 0.36 0 0.36 0 0.36 0 0.36 0 0.37 0 0.37 0 0.37 0 0.37 0 0.37 0 0.37 0 0.37 0 0.32 0	100		=	2.1	4.2	ח	4.2	11	n	11	2.2	n	2.2	4.2	Н	4.2
0.14 0.14 0.28 0.28 0.028 0.028 0.028 0.022 0.022 0.015 0.015 0.022 0.0	034		=	0.18	0.36	-	0.36	0.94	n	0.94	0.19	n	0.19	0.36		0.36
0.21 U 0.22 U 0.22 U 0.22 U 0.22 U 0.22 U 0.22 U 0.42 U 0.97 U 0.97 U 0.97 U 0.97 U 0.93 U 0.28 U 0.73 U 0.28 U 0.28 U 0.28 U 0.29 U 0.20	0034	0.14		0.14	0.28		0.28	0.84	ſ	0.73	0.15	ח	0.15	0.28		0.28
0.93 U 0.03	037	0.21	=	0.21	0.42		0.42	1.1	n	1.1	0.22	ח	0.22	0.42	5	0.42
0.14 U 0.14 0.28 U 0.28 U 0.73 U 0.73 U 0.73 U 0.73 U 0.15 U 0.16 U 0.16 U 0.16 U 0.28 U 0.20 U 0.20 U 0.50 U	TON AN	0.93		0.93	1.9	Б	1.9	4.8	n	4.8	0.97		0.97	1.9	5	1.9
1.0 U 0.50 U	34	0.14	1	0.14	0.28	-	0.28	0.73	U	0.73	0.15		0.15	0.28	4	0.28
0.30 U 0.30 U 0.60	2.0	1.0	5	1.0	2.0		2.0	5.2	n	5.2	1.0		1.0	2.0	8.4	2.0
0.81 U 0.81 U 0.84 U 0.84 T.6 U 1.4 U 1.4 2.8 U 2.8 7.3 U 7.3 U 1.5 U 1.5 U 1.5 U 1.5 U 1.5 U 1.8 U 1.8 U 4.7 U 4.7 U 0.95 U 0.95 U 1.8 U 1.2 U 1.2 2.4 U 2.4 E.3 U 6.3 U 1.3 U 2.4 U	014	0.30	10	0.30	09'0		09:0	1.6	n	1.6	0.31		0.31	0.60		0.60
1.4 U 1.4 U 1.4 U 1.4 U 1.5 U 1.3 U 1.3 U 1.4 U	9,9	0.81	10	0.81	1.6		1.6	4.2	ם	4.2	0.84	- 1	0.84	1.6	5	0.0
0.91 U 0.91 1.8 U 1.8 U 4.7 U 4.7 U 0.95 U 0.95 T.8 U 1.8 U 1.2 U 1.2 U 2.4 U 6.3 U 6.3 U 6.3 T.8 U 1.3 U 1.	16	1.4	10	1.4	2.8	100	2.8	7.3	n	7.3	1.5		2.5	2.8	5	2.8
7.2 U 1.2 2.4 U 2.4 6.3 U 6.3 1.3 U 1.3 2.4 U	066	0.91	ח	0.91	1.8	100	1.8	4.7	כ	4.7	0.95		0.95	2.8	1	2.0
	MA	12	=	12	2.4	100	2.4	6.3	5	6.3	1.3	D	1.3			7.4

Ö	DNREC SIRS	S	SG-MW01-1114		N-52	SG-MW02-1114		2G-MV	SG-MW03-1114		NW-50	SG-MW04-1114	٥	DAAIAI-D	3G-MIVVUS-1114
Scre	Screening Levels		460-86962-27		460	460-86962-28		460-€	460-86962-29		460-8	460-86962-30		460-86962-3	302-31
Ü	Groundwater	11/21/	11/21/2014 09:00:00	11/		21/2014 10:30:00	11/2	1/2014	11/21/2014 12:00:00	11/2	1/2014	11/21/2014 13:30:00	11/21	11/21/2014 10:00:00	00:00:0
	July 2014		Water			Water			Water			Water			Water
	The state of the s		1			2			5			1			2
	l/an		I/6n		1	I/bn			l/bn			l/gu			l/gu
#SAS#	*	Result	Q MDL	Result	ılt Q	MDL	Result	Ø	MDF	Result	Ø	MDL	Result	Ø	MDL
100 dis							11.0	N.	100					95	
-11-3	NA	1.1	1.1	2	2.2 U	2.2	5.7	n	5.7	1.1	ח	1.1	2.2	ח	2.2
74-2	06	1.0	U 1.0	2	2.0 U	2.0	5.2	n	5.2	1.0	b	1.0	2.0	5	2.0
-84-0	20	0.88	U 0.88	-	1.8 U	1.8	4.6	n	4.6	0.92	n	0.92	1.8	ם	6.
44-0	80	1.1	U 1.1	2	2.2 U	2.2	5.7	ln	5.7	1.1	D	1.1	2.2	5	2.2
7	28	1.7	U 1.7		15 J	3.4	40	ľ	8.9	1.8	ם	1.8	13	5	3.4
-74-1	0.049	0.20	U 0.20	0.40	n ot	0.40	1.0	n	1.0	0.21	כ	0.21	0.40		0.40
C.	0.3	0.68	U 0.68		1.4 U	1.4	3.5	N	3.5	0.71	n	0.71	1.4	5	1.4
47.4	3.1	1.5	1.5	3	3.0 U	3.0	7.8	ln	7.8	1.6	n	1.6	3.0	ח	3.0
1-72-1	0.69	0.15	U 0.15	0.30	O 0	0.30	0.78	n	0.78	0.16	ם	0.16	0.30	5	0.30
39-5	0.034	0.11	U 0.11	0.22	22 U	0.22	0.57	n	0.57	0.11	ח	0.11	0.22	5	0.22
50.4	78	13	13	2	0	2.6	6.8	n	6.8	1.4	n	1.4	2.6	5	2.6
20.3	0.17	20		280		4.0	880		10	2.1	n	2.1	310	*	4.0
05.3	0.14	0.34	1) 0.34	0.68	10 18 10 18 10	0.68	1.8	n	1.8	0.35	n	0.35	0.68	ח	0.68
54-7	0.011	0.27	U 0,27	0.54	54 U	0.54	1.4	n	1.4	0.28	n	0.28	0.54	5	0.54
30.8	12	1.0	1.0	2	2.0 U	2.0	5.2	n	5.2	1.0	5	1.0	2.0	5	2.0
200	700	27		3	5.4 U	5.4	14	In	14	2.8	D	2.8	5.4	5	5.4
0.00	12	12			27	2.4	47	7	6.3	1.3	n	1.3	25	+	2.4
0.50	580	0.60	09.0		1.2 U	1.2	3.1	n	3.1	0.63	n	0.63	1.2		
7-00-0	12	1.1			2.7	2.2	7.3	7	5.7	1.1	n	1.1	2.3	7	2.2
	AN AN	0.0		414.	.8		1300.74			0.0			434.2	1	
	MA	o u		316.0	0		1210.0			D.0*T			269.0	-	

Shaded Concentrations shown in normal type face exceed laboratory method detection limit (MDL)

'ace exceeds DNREC Screening Level equal to the MDL and the concentration is an approximate value. It detected.

SG-M/	SG-MW01-1114 460-86962-27	Se	SG-MW02-1114 460-86962-28	114	-58-	SG-MW03-1114 460-86962-29	S.G-19 46(SG-MW04-1114 460-86962-30	2G-17 46(460-86962-31
7	11/21/2014 09:00:00	11/21/2	21/2014 10:30:00	00:0	11/21/20	11/21/2014 12:00:00	11/21/201	11/21/2014 13:30:00	11/21/201	1/21/2014 10:00:00
L	Water		8	Water		Water		Water		Water
	1			1		11	96	1		1
	l/bn			l/gn		l/gu		[]/Bn		I/bn
Ø	MDL	Result	Ø	MDL	Result Q	MDL	Result Q	MDL	Result Q	MDL
	0.0097	0.020	0	0.020	0.020 U *	0.020	0.020 U	0.020	0.019 U*	0.019
0.0082 U	0.0082			0.017	0.017 U *	0.017	◆U 710.0	0.017	0.016 U *	0.016
*	0.0087	0.018 U	U*]	0.018	0.018 U *	0.018	0.018 U *	0.018	0.017 U *	0.017
D	0.0087	0.018	U 0.	0.018	0.018 U	0.018	0.018 U	0.018	0.017 U	0.017
5	0.0046	0.0094	U 0.0	0.0094	0.0094 U	0.0094	0.0094 U	0.0094		0.0090
*	0.0082	0.017 U	* 0.	0.017	0.017 U *	0.017	0.017 U *	0.017	0.016 U *	0.016
5	0.0066	0.014	U 0.	0.014	0.014 U	0.014	0.014 U	0.014	0.013 U	0.013
n	0.0061	0.013	U 0.	0.013	0.013 U	0.013	0.013 U	0.013	0.012 U	0.012
. 0	0.011	0.023 U	U 0	0.023	0.023 U *	0.023	0.023 U			0.022
	0.0082	0.017 U	.0 *	0.017	0.017 U	0.017	0.017 U		0.016 U*	0.016
	0.0082	0.017 U	U 0.	0.017	0.017 U *	0.017	0.017 U	0.017	-	0.016
. n	0.0082	0.017 U	.0	0.017	0.017 U	0.017	0.017 U ·	0.017	0.016 U*	0.016
-	0.0087	0.018	U O	0.018			-		0.017 U	0.017
· N	0.0082	0.017 U	U . 0	0.017	0.017 U *		- 1		- 1	0.016
* n	0.0082	0.017 U	0	0.017	0.017 U	0.017	0.017 U	0.017	0.016 U*	0.016
n	0.0071	0.015	U 0	0.015						0.014
*	0.0077	0.016 U		0.016	0.016 U*		0.016 U		0.015 U *	0.015
* 0	0.0071	0.015 U	0	0.015	0.015 U *	0.015	0.015 U*	0.015	0.014 U	0.014
5	0.0082	0.017	0 n	0.017	0.017 U	0.017	0.017 U	0.017	_	0.016
- 0	0.0077	0.016 U	U* 0	0.016	0.016 U *		0.016 U	0.016	기	0.015
Ξ	0.17	0.35	Ξ	0.35	0.35	0.35	0.35	0.35	0.34 U	0.34

nt detected.

-	DNREC SIRS	S	SG-MW01-1114	-1114	S	G-MW	SG-MW02-1114	S	SG-MV	SG-MW03-1114	S	G-MW	SG-MW04-1114	S	G-MW	SG-MW05-1114
T	Screening Levels		460-86962-27	162-27		460-8	460-86962-28		460-8	460-86962-29		460-8	460-86962-30		460-8	460-86962-31
1	Groundwater	11/21	11/21/2014 09:00:00	00:00	11/21	/2014 1	21/2014 10:30:00	11/21	/2014	11/21/2014 12:00:00	11/21	/2014	1/21/2014 13:30:00	11/21	/2014	11/21/2014 10:00:00
-	July 2014			Water			Water			Water			Water			Water
T				1			1			Į.			1			1
1	//on			l/gu			l/bn			[l/bn			l/6n			l/gu
AS#		Result	Ø	MDL	Result	Ø	MDL	Result	Ø	MDL	Result	Ø	MDL	Result	Ø	MDL
			15.15												bil	
11.2	0.14	0.14	n	0.14	0.28	Б	0.28	0.28	n	0.28	0.28	n	0.28	0.27	ח	0.27
28.2	0.0046	0.14	n	0.14	0.28	n	0.28	0.28	n	0.28	0.28	n	0.28	0.27	n	0.27
16.5	0.0048	0.14	10	0.14	0.28	2	0.28	0.28	n	0.28	0.28	n	0.28	0.27	n	0.27
21.0	550.0	0.14	10	0.14	0.28	ו	0.28	0.28	ח	0.28	0.28	n	0.28	0.27	n	0.27
200-6	0.039	0.14		0.14	0.28	<u> </u>	0.28	0.28	Б	0.28	0.28	n	0.28	0.27	n	0.27
-69-1	0.039	0.11	5	0.11	0.22	n	0.22	0.22	n	0.22	0.22	n	0.22	0.21	ח	0.21
82.5	0.039	0.11	ח	0.11	0.22	ח	0.22	0.22	n	0.22	0.22	n	0.22	0.21	ם	0.21

-	DNRECSIRS	S	SG-MW01-111	01-1114	33	SG-MI	SG-MW02-1114	S	G-MV	SG-MW03-1114		SG-M	SG-MW04-1114		SG-MV	SG-MW05-1114
-	Screening Levels		460-8	460-86962-27		460-	460-86962-28		460-	460-86962-29		460	460-86962-30		460-	460-86962-31
1	Groundwater	11/21	1/21/2014 09:00:00	19:00:00	11/21	1/2014	/2014 10:30:00	11/21	/2014	11/21/2014 12:00:00	11/2	1/2014	1/21/2014 13:30:00	11/2	1/2014	11/21/2014 10:00:00
T	July 2014			Water			Water			Water			Water			Water
	The state of the s															
#SYS		Result	Ø	MDF	Result	Ø	MDL	Result	Ø	MDL	Result	Ø	MDL	Result	Ø	MDL
) (1)			/it = 118					. 40					
7-12-5	0.00015	0.0040	ם	0.0040	0.0040	D	0.0040	0.023	m	0.0040	0.0040	ב	0.0040	0.0040	0	0.0040

face exceed limits in le.

Groundwater 11/2/12/14 US:00/10/10 ug/l Result Q MDL Result 2000 73.6 U 73.6<	October Commission Commis	Component of the comp		DNREC SIRS Screening Levels	-00 -00	460-86962-27		460-86962-28	460-86962-28	0 2	460-86962-29	460-86962-29	2 27.44	460-8	460-86962-30	0	460-8696	188
ugff wgff wgff <th< th=""><th>ug/l Result O MDL Result O PDL Result O PDL Result C PDL PDL</th><th>ugif mg/l <th< th=""><th></th><th>Groundwater July 2014</th><th>11/21/20</th><th>14 09:00:00 Water</th><th>11/2</th><th>1/2014 10</th><th>0:39:00 Water</th><th>11/21</th><th>72014 1</th><th>Water Water</th><th>12/11</th><th>/Z014</th><th>Water</th><th>17/2/1</th><th>W W</th><th>Š Š </th></th<></th></th<>	ug/l Result O MDL Result O PDL Result O PDL Result C PDL	ugif mg/l mg/l <th< th=""><th></th><th>Groundwater July 2014</th><th>11/21/20</th><th>14 09:00:00 Water</th><th>11/2</th><th>1/2014 10</th><th>0:39:00 Water</th><th>11/21</th><th>72014 1</th><th>Water Water</th><th>12/11</th><th>/Z014</th><th>Water</th><th>17/2/1</th><th>W W</th><th>Š Š </th></th<>		Groundwater July 2014	11/21/20	14 09:00:00 Water	11/2	1/2014 10	0:39:00 Water	11/21	72014 1	Water Water	12/11	/Z014	Water	17/2/1	W W	Š Š
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